

Инструмент и принадлежности для электрики

Технические характеристики

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Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
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эл.почта: tam@nt-rt.ru || сайт: <https://3m.nt-rt.ru/>



3M™ Heat Shrink Thin-Wall Flexible Polyolefin Tubing FP-301



3M™ Cold Shrink Insulator WF103



3M™ Cold Shrink Insulator WF101



3M™ Cold Shrink Insulator WF100



3M™ Cold Shrink Connector Insulator WF104



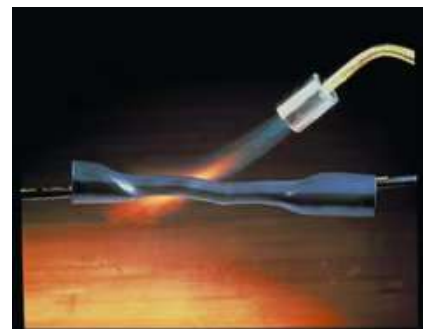
3M™ Cold Shrink Insulator WF102



3M™ Cold Shrink QS-III 3/C Armored or Non-Armored Splice Kits 5797A-MT and 5798A-MT



3M™ Heat Shrink Cable Breakout Boot



3M™ Heat Shrink Tubing HDT



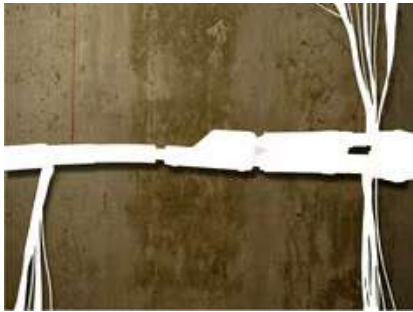
3M™ Cold Shrink Quick Insulators QI Series



3M™ Steel Barb Cable Ties



3M™ Heat Shrink Tubing EPS-400



3M™ Cold Shrink Branch Splice Adapter Kits



3M™ Cold Shrink End Caps EC Series



3M™ Cold Shrink Connector Insulators 8420 and 8430 Series



3M™ Cold Shrink QT-III Termination Kit 7600-T-3W Series for 5-35 kV



3M™ Scotchlok™ Heat Shrink Brazed Seam Locking Forks



3M™ Cold Shrink QS4s Integrated Short Splice Kit 25SP Series



3M™ Standard Nylon Cable Ties



3M™ Cold Shrink QS4
Integrated Splice Kits 15-SP
Series



3M™ Cold Shrink QS4
Integrated Splice Kits 35-TS
Series



3M™ Molded Rubber QS-II
Cable Splice Kits 5460 Series



3M™ Cold Shrink QT-II Outdoor
Termination Kits 6020K Series



3M™ Copper Compression
Connectors



3M™ Cold Shrink Splice Kit
5551-3C-AC



3M™ Scotchlok™ IDC
Connector 903



3M™ Scotchlok™ IDC
Connector 314U



3M™ Deadbreak Component



3M™ Modified Polyvinylidene Fluoride Heat Shrink Tubing MFP



3M™ Scotchlok™ Nylon Fully Insulated with Insulation Grip Interlock Barrel Female Disconnects



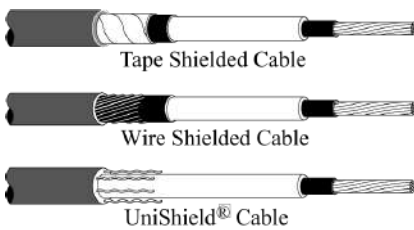
3M™ Cold Shrink QS4 Integrated Splice Kits 15-TS Series



3M™ Cold Shrink QS-III Inline CN/JCN Splice Kits 5415A, 5416A, 5417A and 5418A Series



3M™ Cold Shrink QT-III Termination Kit with Jumper Wire Top Insulator 7640-S & 7650-... Series



3M™ Molded Rubber QS-II Cable Splice Kits 5500 Series



3M™ Scotchlok™ Connectors 2000T-CU



3M™ Motor Lead Inline Splice Kits 5311-5314



3M™ Cold Shrink QS4s
Integrated Short Splice Kit 15SP
Series



3M™ Scotchlok™ Nylon
Insulated with Insulation Grip
Multi-Stud Ring Tongues



3M™ Scotchlok™ IDC
Connector 905



3M™ Elbow Surge Arrester



3M™ ScotchCode™ Wire
Marker Write-On Dispensers



3M™ Cold Shrink Cable
Breakout Boots 8560 Series



3M™ Scotchcast™ Flexible
Power Cable Splicing Kits 82-F
Series



3M™ Scotchlok™ Nylon
Insulated with Insulation Grip
Standard Forks



3M™ Scotchlok™ Nylon
Insulated with Insulation Grip
Locking Forks



3M™ Scotchlok™ Vinyl Insulated Interlock Barrel Female Disconnects



3M™ GS Series Ground Strap Assembly Kits



3M™ Cold Shrink Mine and Portable Splice Kit 8043-1, Max. Cable O.D. 1.80 in, 1/Case



3M™ Splice Kit UF



3M™ Scotchcast™ Mine and Portable Cable Splicing Kits 8096 Series

Cold Shrink QS 2000-3T Trifurcating Transition Splice Kits 15 kV



3M™ Scotchlok™ Closed-End Connectors



3M™ CXS Series Cold Shrink Coax Sealing Kits



Scotch® Tape Shielded Cable Splice Kit 5700 Series



3M™ Wye Resin Splice Kits



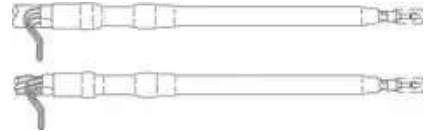
3M™ Scotchlok™ Vinyl Insulated Butted Seam Piggy-Back Disconnects



3M™ Scotchlok™ Fork Non-Insulated, 100/bottle, M14-10FX, wider-tongue design for use o... free-standing studs, 500/Case



3M™ Cold Shrink QS-III Inline CN/JCN Cable Splice Kits 5467A and 5468A Series



3M™ Cold Shrink QT-III High Fault Current Termination Kit 7650-S-HSG & 7660-HSG... Series

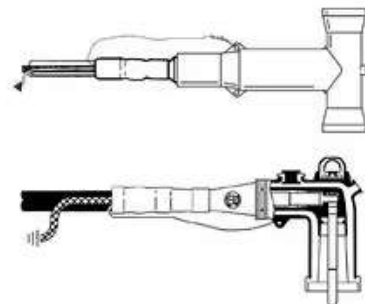
3M™ Cold Shrink QT-III Termination 7640-T-HSG & 7650-T-HSG Series for 5-35 kV



3M™ Cold Shrink QT-II Outdoor Termination Kits 5690K Series



3M™ Scotchlok™ Nylon Insulated with Insulation Grip Ring Tongues



3M™ Shield Adapter Kits



3M™ Mechanical Shearbolt
Two-Hole Lug QL2 Series



3M™ Constant Force Springs



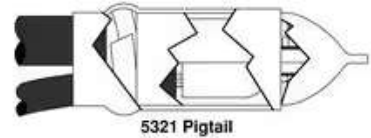
3M™ Heatshrink Cable End Cap
SKE



3M™ Highland™ Wire
Connectors



3M™ Scotchcast™ Cold Shrink
Inline Splice Kits 5760 Series



3M™ Motor Lead Pigtail Splice
Kits 5321-5324



3M™ Heat Shrink Cable
Breakout Boot



3M™ Connector CIR Series



3M™ Parallel Clamp CP-1, up to
35 kV, 6 AWG



3M™ Motor Lead Inline Splice Kits, Non-Shielded and Shielded Cables, 5331- 5334



3M™ Scotchlok™ Female Disconnect Vinyl Insulated, 100/bottle, MVG24-110/32DF... 500/Case



3M™ Scotchlok™ Butted Seam High-Temperature Ring Tongues



3M™ CI-T Splice Connectors



3M™ ScotchCode™ Pre-Printed Wire Marker Book SPB



3M™ Heat Shrink Tubing MDT



3M™ Scotchlok™ Butted Seam High-Temperature Standard Forks



3M™ Scotchlok™ Non-Insulated Brazed Seam Block Forks



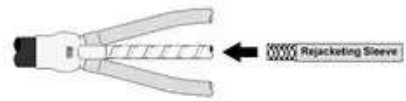
3M™ Scotchlok™ Nylon Insulated with Insulation Grip Butt Connectors



3M™ Mechanical Shearbolt Connectors QCI



3M™ ACCR High-Capacity Transmission Conductor



3M™ Rejacketing Sleeves RJS Series



3M™ Cold Shrink Shielded Splice Kits 5550 Series



3M™ Screw-Mount Ties



3M™ Grounding and Sealing Accessories



Scotch® Grounding Braid 25, 1/2 in x 15 ft, 1 Roll/Case



3M™ Cold Shrink Insulator WF103



3M™ Cold Shrink Insulator WF101



3M™ Cold Shrink Insulator
WF100



3M™ Cold Shrink Connector
Insulator WF104



3M™ SC Stem Connectors



3M™ Cold Shrink 3-Conductor
Breakout Kits 3C-BOK Series



3M™ Scotchlok™ Vinyl
Insulated Butted Seam Bullet-
Style Male Disconnects



Shearbolt One-Hole Lug QLS
Series



3M™ Heat Shrink Tubing HDCW



3M™ SJ Cold Shrink Foldback
Splice Jacket Kits



3M™ Cold Shrink QS4s
Integrated Short Splice Kit 35SP
Series



3M™ Deadbreak Equipment Connection Kit



3M™ Cold Shrink Insulator WF102



Scotch™ Bundling Straps RF3710, 0.5 in x 8 in, (12,7 mm x 20,3 cm) Black



3M™ Cold Shrink QT-III Termination Kits 7673 S Series



3M™ Cold Shrink QS-III In-line Shielded Cable Splice Kits 5513A, 5514A, 5515A and... 5516A Series



3M™ Cold Shrink QT-III Termination Kit 7600-T-3-RJS Series for 5-35 kV



3M™ Scotchlok™ Heat Shrink Braze Seam Ring Tongues



3M™ LBC Series Industrial Loadbreak Elbow Connectors



3M™ Cold Shrink QS-III In-line Shielded Cable Splice Kits 5524A, 5525A and 5526A



3M™ Cold Shrink QT-III Termination Kit 7600-T-3W Series for 5-35 kV



3M™ Cold Shrink QT-II Outdoor Termination Kits 5600 & 5680 Series



3M™ Cold Shrink QS-III Inline Shielded Cable Splice Kits 5535A and 5536A



3M™ Cold Shrink QT-III Termination Kit 7600-T-3G Series for 5-35 kV



3M™ Cold Shrink QT-II Outdoor Termination Kits 5640 & 5650 Series



3M™ Cold Shrink Connector Insulators 8420 and 8430 Series



3M™ Cold Shrink Splice Jacket Kits



3M™ Scotchlok™ Heat Shrink Nylon Fully Insulated Butted Seam Male Disconnects



3M™ Scotchlok™ IDC Connector 562



3M™ Scotchlok™ Copper One Hole Long Barrel Lug 31000 Series



3M™ Heat Shrink Multiple-Wall



3M™ Heat Shrink Flexible Polyolefin Tubing EPS-200



3M™ Scotchcast™ M-Series Cable Repair Kits



3M™ Scotchlok™ Heat Shrink Nylon Fully Insulated Female Disconnects



3M™ Scotchlok™ Electrical IDC 564-BULK, Double Run, White, 18-14 AWG, 500 per carton, 5000/case



3M™ Scotchlok™ Aluminum One Hole Lug 40000 Series



3M™ Cold Shrink End Caps EC Series



3M™ Industrial Loadbreak Bushing Inserts



3M™ Scotchlok™ Non-Insulated Seamless Compression Butt Connectors



3M™ Heat Shrink Tubing PSTH



3M™ Cross-Arm Mounting Brackets



3M™ Connector Drivers



3M™ Performance Plus™ Wire Connectors



3M™ Industrial Loadbreak Protective Caps



3M™ Scotchlok™ Nylon Fully Insulated with Insulation Grip Male Disconnects



3M™ Cold Shrink Quick Insulators QI Series



3M™ Aluminum Connectors CI Series



Scotch® Tape Termination Kit
5700 Series



3M™ Scotchlok™ IDC
Connector 557



Scotch™ Bundling Strap
RF3730, .5 in x 8 in (12.7 mm x
20.3 cm) Multi-Color



3M™ Heat Shrink Thin-Wall
Flexible Polyolefin Tubing
FP-301



3M™ Spacer Web 7820, 15 kV,
1 /Case



3M™ Wireless Weatherproofing
Kits



3M™ Scotchlok™ Nylon
Insulated with Insulation Grip
Block Forks



3M™ Scotchlok™ Heat Shrink
Brazed Seam Locking Forks



3M™ Cable Grounding Kits



3M™ Scotchcast™ Sheath Seal Kits

3M™ Scotchlok™ Electrical IDC 316IR, Pigtail, Irrigation Applications, Black/White, 22-... AWG, 30 per carton, 300 /Case

3M™ Stacked Sleeve Splice Jacket Kits



3M™ Cold Shrink Quick Splice Kits QSLV-M Series

3M™ Cold Shrink Splice Kit QS-III Series 5545A, Longitudinally Corrugated, 46kV, 4/0-1000... kcmil (120-500 mm²), 1/case

3M™ Cold Shrink QS4 Integrated Splice Kits 25-JCN Series



3M™ Cold Shrink QT-II Outdoor Termination Kits 5660 Series

3M™ Secure Grip Wire Connectors

3M™ Scotchlok™ Non-Insulated Brazed Seam Butt Connectors



3M™ Scotchlok™ IDC Connector 567



3M™ Scotchlok™ Aluminum Lugs Two Hole 40100 Series



Scotch™ Bundling Wrap, RF3740, 0.75 in x 12 ft (19,0 mm x 3,6 m) Black



3M™ Scotchlok™ Butted Seam High-Temperature Female Disconnects



3M™ Scotchlok™ Nylon Insulated with Insulation Grip Grease-Filled Butt Connectors



3M™ PanelSafe™ Lockout Systems



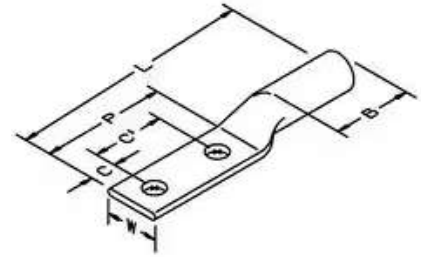
3M™ Heat Shrink Tubing IMCSN



3M™ Cable Preparation Kits



3M™ Scotchlok™ Non-Insulated Interlock Barrel Female Disconnects



3M™ Flanged Block Fork Nylon Insulated, 100/bottle, MNG14-6FFB/SX, suitable for use in a terminal block, 500/Case

3M™ Copper Oil Seal Lugs

3M™ Scotchlok™ Copper Two Hole Long Barrel Lug 31100 Series



3M™ Scotchlok™ Nylon Insulated Braze Seam Ring Tongues

3M™ Scotchlok™ Aluminum Connectors 20000 Series

3M™ GSK Series Termination Grounding Kits



3M™ QT-II PILC Cable Silicone Rubber Termination Kit 5804-Pb-250, 15 kV, Cable Ins. O... 1.20-1.90 in, 1/kit

3M™ Cold Shrink Inline Splice Kits 5730 Series

3M™ Highland™ Terminal Kit, HTK-1, 180 pieces, refillable kit is compact, portable and... durable, 4 Kits/Case



3M™ Heat Shrink Heavy-Wall Cable Sleeves ITCSN



3M™ PS Cold Shrink Insertion Seals



3M™ Motor Lead Pigtail Splice Kits, 1-Hole Lug Connections 5300-5304 Series



3M™ Molded Rubber QS-II Inline CN/JCN Cable Splice Kits 5450 Series



3M™ Scotchlok™ Non-Insulated Butted Seam Male Disconnects



3M™ Scotchlok™ Vinyl Insulated Butted Seam Locking Forks



3M™ Scotchlok™ Copper One Hole Lug Series 30000



3M™ PILC Splice Kits



3M™ Scotchlok™ Nylon Insulated with Insulation Grip Bullet-Style Female Disconnects



3M™ Cold Shrink QS-III 3/C Armored or Non-Armored Cable Splice Kits 5775A-MT, 5776A-MT & 5777A-MT for 5/8 kV



3M™ Cold Shrink QS4 Integrated Splice Kits 25-SP Series



3M™ Cold Shrink QT-III Inverted Termination Kit 7620-S & 7690-S Series



3M™ Cold Shrink QT-II Outdoor Termination Kits 5670 Series



3M™ Cross-Arm Mounting Brackets MB and MBS Series



3M™ Sheath Seal Kits 5831 and 5832



CCI Series Conductor Covers



3M™ Scotchlok™ Non-Insulated Butted Seam Flag Female Disconnects



3M™ Scotchlok™ IDC Connector 801

3M™ Overhead Conductor Animal Guard Cover



Scotch™ Bundling Wrap
RF3750, 1.5 in x 30 ft (38,1 mm
x 9,1 m) Black



3M™ Scotchlok™ IDC
Connector 314



3M™ Heat Shrink Tubing NST



3M™ Airport Lighting Connector
Sealing Kit IAL-3, 1 kV, 30/case



3M™ Deadbreak AL
Compression Lug



Scotch™ Bundling Straps
RF3760, 30 count, .25 in x 8 in
(6,3 mm x 20,3 cm) Black



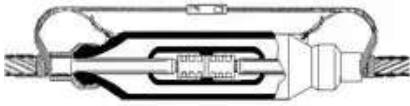
3M™ Cold Shrink QS-III 3/C
Armored or Non-Armored Splice
Kits 5797A-MT and 5798A-MT



3M™ Cold Shrink QS4
Integrated Splice Kits 35-JCN
Series



3M™ Cold Shrink QT-III
Termination Kit 7620-S-3RJS,
7680-S-3RJS & 7690-S-3RJ...
Series



3M™ Molded Rubber QS-II Cable Splice Kits 5430 Series



3M™ Cold Shrink QT-II Outdoor Termination Kits 5610 A Series



3M™ Aluminum Connectors CI-A Series



3M™ Scotchlok™ Non-Insulated Copper Seamless Compression Lug Ring Tongues



3M™ Scotchlok™ IDC Connector 901



3M™ ScotchCode™ Wire Marker Tape Dispenser STD



3M™ PILC Accessory Oil Stop Kits



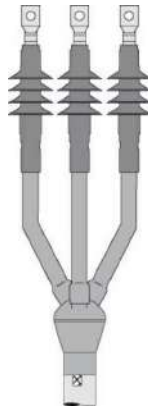
3M™ Thin-Wall Heat Shrink Tubing EPS-300



3M™ Cold Shrink QS4 Integrated Splice Kits 15-JCN Series



3M™ Cold Shrink QS4
Integrated Splice Kits 35-SP
Series



3M™ Cold Shrink QT-III
Termination Kit 7620-S-3W,
7680-S-3W & 7690-S-3W Series



3M™ Molded Rubber QS-II
Cable Splice Kits 5450 R Series



3M™ Cold Shrink QT-II Outdoor
Termination Kits 5630K Series



3M™ Aluminum Transition
Connectors CI-T Series



3M™ Scotchlok™ Electrical IDC
902, 50 per pouch, 500/Case



3M™ ScotchCode™ Write-On
Wire Marker Book SWB



3M™ Heat Shrink Tubing ITCSF



3M™ Cold Shrink Inline Splice
Kits 5740 Series



3M™ Cable Stackers



3M™ Heat Shrink Tubing
VTN-200



3M™ Heat Shrink Tubing SMS



3M™ Scotchlok™ Vinyl
Insulated Brazed Seam Ring
Tongues



3M™ Scotchlok™ Nylon
Insulated with Insulation Grip
Female Disconnects



3M™ Cold Shrink QS-III 3/C
Armored or Non-Armored Cable
Splice Kits 5786A-MT, 5787A...
MT & 5788A-MT



3M™ Cold Shrink QS4
Integrated Splice Kits 25-TS
Series



3M™ Cold Shrink QT-III
Termination Kit 7620-S-3G,
7680-S-3G & 7690-S-3G Series



3M™ Molded Rubber QS-II
Cable Splice Kits 5411R/5412R
Series



3M™ Cold Shrink QT-II Outdoor Termination Kits 4604 & 4605 Series

3M™ Cable Repair Space Web SW-40, 1-1/2 in x 40 in, 50 strips /Case

3M™ Scotchlok™ Non-Insulated Butted Seam Ring Tongues



3M™ Scotchlok™ IDC Connector 804

3M™ Highland™ Vinyl Insulated Female Disconnect Terminal FDV10-250Q, AWG 12-10,... 25/bag, 10 Bags/Case

3M™ Cold Shrink Cable Accessory Sealing Kits 8450 Series



3M™ Heat Shrink Tubing FP-301VW

3M™ Heat Shrink Tubing TMW

3M™ Scotchlok™ Non-Insulated Butted Seam Female Disconnects



3M™ Scotchlok™ Vinyl Insulated Butted Seam Flanged Block Forks



3M™ Molded Rubber QS-II Cable Splice Kits 5411/5412 Series



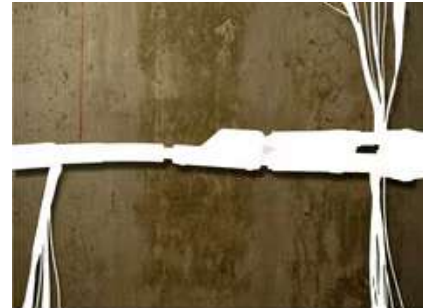
3M™ Scotchlok™ Vinyl Insulated Butted Seam Standard Forks



3M™ Scotchlok™ Butted Seam High-Temperature Butt Connectors



3M™ Scotchlok™ Moisture Guard Connectors



3M™ Cold Shrink Branch Splice Adapter Kits



3M™ Scotchlok™ Heat Shrink Seamless Butt Connectors



3M™ Direct Bury Splice Kits



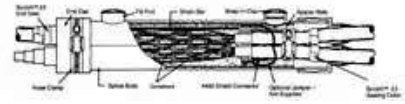
3M™ ScotchCode™ Wire Marker Tape Refill Roll



3M™ Cold Shrink Coax Sealing Kit 98-KC 8



3M™ Motor Lead Pigtail Splice Kits 5380 Series



3M™ Scotchcast™ Re-Enterable Signal and Control Cable Splicing Kits 78-R Series



3M™ Scotchcast™ Inline Resin Power Cable Splice Kits 82-AN Series



3M™ Scotchlok™ Non-Insulated Butted Seam Pin Terminals



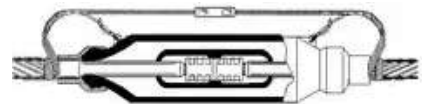
3M™ Modular Tap Splice Kits



3M™ Scotchlok™ Nylon Fully Insulated Interlock Barrel Female Disconnects



3M™ Cold Shrink Corrosion Protection Kits CPT Series



3M™ QS Molded Rubber Splice 5408, CN and JCN Cable, 15 kV, 1/case



3M™ Scotchcast™ Flexible Splice 82-BF1 (2131), 10 Kits/Case



3M™ Scotchcast™ Spacer Tape P-3, 1-1/2 in X 27 ft (38,1 mm x 8,23 m), 50 rolls/case



3M™ Scotchlok™ Nylon Insulated with Insulation Grip Bullet-Style Male Disconnects



3M™ Scotchlok™ Vinyl Insulated Braided Seam Multi-Stud Ring Tongues



3M™ Modular Splicing Kits



3M™ Heat Shrinkable Splice Jacket Kit HSJ



3M™ Heat Shrink Tubing HDT



3M™ Electrostatic Animal Guards



3M™ Mining Cable Splice Kit 3100 Series



3M™ Scotchcast™ Cold Shrink
Inline Splice Kits 5750 Series



3M™ Scotchcast™ Inline Splice
Kits 72-N Series



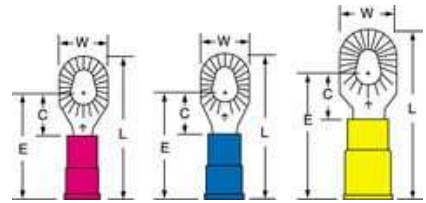
3M™ Scotchlok™ Butted Seam
High-Temperature Male
Disconnects



3M™ Scotchlok™ Vinyl
Insulated Braided Seam
Standard Forks



3M™ Scotchlok™ IDC
Connector 972-A



3M™ Scotchlok™ Nylon
Insulated with Insulation Grip
Interlock Barrel Female...
Disconnects



3M™ Cold Shrink Splice
Transition Kits



3M™ Deadbreak Adapter



3M™ Cold Shrink QT-III
Termination Kit 7640-S, 7650-S
& 7660-S Series



3M™ Scotchlok™ Nylon Insulated Seamless Butt Connectors



3M™ Cold Shrink Splice QS2000B



3M™ Scotchlok™ Nylon Fully Insulated Butted Seam Male Disconnects



3M™ Scotchlok™ Copper Connectors 10000 Series



3M™ Cold Shrink QT-III Termination Kit 7620-T & 7690-T Series for 5-35 kV



3M™ Highland™ Vinyl Insulated Butted Seam Male Disconnects



3M™ Scotchlok™ 534 Electrical IDC, 100 per pouch



3M™ Cold Shrink QS-III Splice Kits



3M™ Scotchlok™ IDC Connector 560 & 560B



3M™ ScotchCode™ Wire
Marker Write-On Dispenser SLW



3M™ Scotchlok™ Non-Insulated
Butted Seam Locking Forks



3M™ Scotchlok™ Vinyl
Insulated Butted Seam Butt
Connectors



3M™ Scotchlok™ Butted Seam
High-Temperature Block Forks



3M™ Scotchlok™ Block Flanged
Fork, Non-Insulated Brazed
Seam M10-10FFBK, 12-10...
AWG, 500/Case



3M™ Industrial Loadbreak
Elbows 5810 Series



3M™ Highland™ Nylon Fully
Insulated Male Disconnects



3M™ Highland™ Vinyl Insulated
Butted Seam Block Forks



3M™ Scotchlok™ Closed End
Connectors



3M™ Cold Shrink Silicone Insulators 8440 Series



3M™ Scotchlok™ Electrical IDC 560N-BULK, Brown, 18–16 AWG (solid/stranded), 14 AW... (stranded), 500 per carton, 5000/case



3M™ Scotchlok™ Nylon Fully Insulated with Insulation Grip Female Disconnects



3M™ Scotchlok™ Vinyl Insulated Butted Seam Male Disconnects



3M™ Ratchet Spring Cutter Tool



3M™ Cold Shrink Portable Cable Splice Kit 2237A Series



3M™ Scotchlok™ Nylon Insulated with Insulation Grip Male Disconnects



3M™ Scotchlok™ Block Fork Vinyl Insulated, 100/bottle, MVU14-10FBX, suitable for u... in a terminal block, 500/Case



3M™ Scotchlok™ Vinyl Insulated Brazed Seam Butt Connectors



5477A Splice Body



3M™ Molded Rubber QS-II
Cable Splice Kits 5420 Series



3M™ Scotchlok™ Vinyl
Insulated Butted Seam Female
Disconnects



3M™ Scotchflex™ Cable Tie
Base



3M™ Scotchlok™ Carbon Steel
Scissors



3M™ Cold Shrink QT-III Tubular
Termination Kits



3M™ Deadbreak Shearbolt Lug



3M™ Cold Shrink QT-III
Termination Kit 7620-S, 7680-S
& 7690-S Series



3M™ Flat Cable Cutter 3382



3M™ Scotchlok™ Vinyl Insulated Butted Seam Parallel Connectors



3M™ Discrete Wire Hand Tool, 3430-1000 Series



3M™ Scotchlok™ Vinyl Insulated Brazed Seam Locking Forks



3M™ Scotchlok™ Hardened Steel Ratchet Tool



3M™ Cold Shrink QS4 Integrated Splice QS4-35SP-350-1000-BCA



3M™ Pin (Stem) Mechanical Shearbolt Lug QP



3M™ Scotchlok™ Non-Insulated Butted Seam Block Forks



3M™ Highland™ Vinyl Insulated Butted Seam Butt Splices



3M™ Highland™ Nylon Fully Insulated Butted Seam Male Disconnects



3M™ Scotchlok™ Non-Insulated
Double Male-Female Adapters



3M™ Scotchlok™ Nylon
Insulated with Insulation Grip Pin
Terminals



3M™ Scotchlok™ Terminal Kits



3M™ Deadbreak T-Body w/Test
point 635T, 35kV, 600A, 1/Box



3M™ Scotchlok™ Non-Insulated
Seamless Butt Connectors



3M™ Scotchlok™ Vinyl
Insulated Butted Seam Ring
Tongues



3M™ Scotchlok™ Nylon Fully
Insulated Butted Seam Female
Disconnects



3M™ Scotchlok™ Vinyl
Insulated Butted Seam Pin
Terminals



3M™ Scotchlok™ Terminal
Boxes



Scotch® Lead-Sheath-Repair-Kit, 35 kV, 1 kit/Case



3M™ Scotchlok™ Nylon Insulated with Insulation Grip Piggy-Back Disconnects



3M™ Scotchlok™ Non-Insulated Brazed Seam Locking Forks



3M™ Hi-Amp Accessory Grounding Kits



3M™ Cold Shrink Transition Splice Kit QS2012-3T-WS, Tape, Wire, UniShield®, EP-Lead o... XLP-Lead, 1/case



3M™ Highland™ Vinyl Insulated Butted Seam Standard Forks



3M™ Highland™ Nylon Fully Insulated Butted Seam Female Disconnects



3M™ Scotchlok™ Vinyl Insulated Brazed Seam Block Forks



3M™ Scotchlok™ Non-Insulated Brazed Seam Ring Tongues



3M™ Scotchlok™ Butted Seam
Flag High-Temperature Female
Disconnects



3M™ Scotchlok™ Non-Insulated
Butted Seam Standard Forks



3M™ Highland™ Vinyl Insulated
Butted Seam Ring Tongues



3M™ Scotchlok™ Non-Insulated
Butted Seam Flanged Block
Forks



3M™ Highland™ Vinyl Insulated
Butted Seam Locking Forks



3M™ Equipment Connection
Splicing Kits

3M™ Equipment Connection Splicing Kits

3M ID B00014759

Details

Provides fully shielded, deadfront cable connections
Permits connection to standard non-loadbreak
Shielded connection for transformers, oil switches and transformer switches
Splices both aluminum and copper conductors
ANSI/IEEE Approved

Typical properties

Brands: 3M™
Current Rating: 600.0 A
Product Series: 5815
Product Type: Splice
Separable Connector Type: Dead Break Elbows
Splice Type: Modular
eClass 14 Classification Group: 27440308

3M™ Highland™ Vinyl Insulated Butted Seam Locking Forks

Details

Vinyl-insulated, butted-seam barrel ensures a secure fit and offers reliable performance

Funnel-designed, polyvinyl chloride sleeve offers easy insertion of wires

Spring-like tongue firmly fits around the stud

Typical properties

Fork Type: Locking

Insulation Material: Vinyl

Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG

Maximum Conductor Size (Metric): .0823 mm², 2.08 mm², 5.26 mm²

Minimum Conductor Size (Imperial): 16 AWG, 22 AWG

Minimum Conductor Size (Metric): 0.326 mm², 1.31 mm²

Terminal Style: Locking

eClass 14 Classification Group: 27400204

3M™ Scotchlok™ Non-Insulated Butted Seam Flanged Block Forks

Details

Non-insulated, butted-seam barrel ensures a secure fit and offers reliable performance
Beveled mouth offers easy insertion of wires
Suitable for use in a terminal block
Accommodates wire sizes 16 to 14 AWG
Electrolytic copper construction offers good conductivity
600V-rated for building wire and 1000V for signs, fixtures or luminaires
UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Barrel Inside Diameter: 0.09 Inch,0.07 Inch,0.135 Inch
Barrel Length (Imperial): 0.25 Inch
Barrel Style: Butted
CSA File Number: LR22190
Clearance (C): 0.25 Inch,0.29 Inch
Dimension E: 0.54 Inch,0.5 Inch
Fork Type: Block Flanged Fork,Flanged Block
Insulation Material: Non-insulated
Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG
Maximum Conductor Size (Metric): .0823 mm², 2.08 mm², 5.26 mm²
Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 22 AWG
Minimum Conductor Size (Metric): 0.326 mm², 1.31 mm², 3.31 mm²
Solution for: Wireless Network: Infrastructure Accessories
Stud Size: #6,#8
Terminal Style: Flanged Block
Terminal Type: Fork
UL File Number: E23438
Units per Case: 500.0,1000.0
eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Length (Imperial): 0.65 in, 0.73 in
Overall Width (Imperial): 0.3 in, 0.32 in

3M™ Highland™ Vinyl Insulated Butted Seam Ring Tongues

Details

Vinyl-insulated, butted-seam barrel ensures a secure fit and offers reliable performance

Funnel-designed, polyvinyl chloride sleeve offers easy insertion of wires

Standard-style ring tongue fits around the stud

Made of electrolytic copper for good conductivity and has tin plating for corrosion resistance

Withstands a temperature range of -40 to 221 degrees F (-40 to 105 degrees C)

600V-rated for building wire and 1000V for signs, fixtures or luminaires

UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

25/bag

Typical properties

Barrel Inside Diameter: 0.09 Inch,0.07 Inch,0.135 Inch

Barrel Length (Imperial): 0.25 Inch

Barrel Length (Metric): 6.35 mm

Barrel Style: Butted

CSA File Number: LR22190

Clearance (C): 0.22 Inch,0.29 Inch,0.33 Inch,0.4 Inch,0.44 Inch

Connection Type: Crimp

Dimension E: 0.67 Inch,0.85 Inch,0.99 Inch,0.84 Inch,0.74 Inch,0.78 Inch

Dimension E (Metric): 17.02 , 18.8 , 19.81 , 21.34 , 21.59 , 25.15

Insulation Material: Vinyl

Material: Plastic

Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG

Maximum Conductor Size (Metric): 0.823 mm², 2.08 mm², 5.26 mm²

Maximum Insulation Outer Diameter (Imperial): 0.145 in, 0.17 in, 0.25 in

Maximum Insulation Outer Diameter (Metric): 3.7 mm

Maximum Insulation Outside Diameter: 0.145 in

Maximum Operating Temperature (Celsius): 105 °C

Maximum Operating Temperature (Fahrenheit): 221 °F

Maximum Recommended Voltage Rating: 600 V

Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 22 AWG

Minimum Conductor Size (Metric): 0.326 mm², 1.31 mm², 3.31 mm²

Minimum Stud Diameter (Imperial): 0.138 in, 0.164 in, 0.19 in, 0.25 in, 0.313 in

Minimum Stud Diameter (Metric): 3.5 mm, 4 mm, 5 mm, 6.35 mm, 7.95 mm

Ring Type: Standard

Stud Size: #10,#6,1/4 Inch,5/16 Inch,#8,3/8 Inch

Stud Size (Metric): 635 , 3505 , 4166 , 4826 , 7938 , 9525

Stud Sizes: #10, 1/4 Inch, 3/8 Inch, 5/16 inch

Terminal Style: Standard

Terminal Type: Ring

UL File Number: E23438

Units per Case: 10.0

Units per bag: 25

Dimensions and Classifications

Overall Length (Imperial): 0.8 in, 0.9 in, 0.93 in, 1.03 in, 1.08 in, 1.26 in
Overall Length (Metric): 20.32 mm, 22.86 mm, 23.622 mm, 26.162 mm, 27.432 mm, 32 mm, 32.004 mm
Overall Width (Imperial): 0.25 in, 0.31 in, 0.33 in, 0.38 in, 0.47 in, 0.53 in, 0.54 in
Overall Width (Metric): 6.35 mm, 7.874 mm, 8.382 mm, 9.652 mm, 11.938 mm, 13.462 mm, 13.716 mm

3M™ Scotchlok™ Non-Insulated Butted Seam Standard Forks

Details

Non-insulated, butted-seam barrel ensures a secure fit and offers reliable performance
Beveled mouth offers easy insertion of wires
Wider-tongue design for use on free-standing studs

Typical properties

Barrel Inside Diameter: 0.07 Inch,0.09 Inch,0.135 Inch
Barrel Length (Imperial): 0.25 Inch
Barrel Style: Butted
CSA File Number: LR22190
Clearance (C): 0.29 Inch
Dimension E: 0.54 Inch
Fork Type: Standard
Insulation Material: Non-insulated
Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG
Maximum Conductor Size (Metric): .0823 mm², 2.08 mm², 5.26 mm²
Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 22 AWG
Minimum Conductor Size (Metric): 0.326 mm², 1.31 mm², 3.31 mm²
Solution for: Wireless Network: Infrastructure Accessories
Stud Size: #10,#6
Terminal Style: Standard
Terminal Type: Fork
UL File Number: E23438
Units per Case: 500.0,1000.0
eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Length (Imperial): 0.7 in, 0.73 in
Overall Width (Imperial): 0.34 in, 0.38 in

3M™ Scotchlok™ Butted Seam Flag High-Temperature Female Disconnects

Details

Allows for quick and easy disconnect of wires
Made of durable brass for good conductivity and has corrosion-resistant tin plating
Withstands a temperature range of -40 to 221 degrees F (-40 to 105 degrees C)
Rated 600V for building wire and 1000V for signs, fixtures or luminaires
UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Barrel Inside Diameter: 0.095 Inch
Barrel Length (Imperial): 0.26 Inch
Barrel Style: Butted
Connection Width (Imperial): 0.187 in, 0.25 in
Connection Width (Metric): 4.75 mm, 6.35 mm
Disconnect Type: Female
Fastener Orientation: Female
Fork Type: Block Fork
Insulation Material: Non-insulated
Mates with Female Width: 0.25 Inch
Mates with Male Tab Width (W'): 0.25 Inch
Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG
Maximum Conductor Size (Metric): 1 mm², 2.5 mm², 6 mm²
Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 22 AWG
Minimum Conductor Size (Metric): .34 mm², 1.5 mm², 4 mm²
Pad Width: 0.25 in
Solution for: Wireless Network: Infrastructure Accessories
Terminal Style: High Temp
Terminal Type: Disconnect
Units per Case: 1000.0
eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Length (Imperial): 0.51 in

3M™ Scotchlok™ Non-Insulated Brazed Seam Ring Tongues

Details

Nylon-insulated, butted-seam barrel ensures a secure fit and offers reliable performance

Funnel-designed, seamless brass sleeve offers easy insertion of wires

Standard-style ring tongue fits around the stud

Made of electrolytic copper for good conductivity and has tin plating for corrosion resistance

Withstands a temperature range of -40 to 221 degrees F (-40 to 105 degrees C)

600V-rated for building wire and 1000V for signs, fixtures or luminaires

UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Barrel Inside Diameter: 0.135 Inch

Barrel Length (Imperial): 0.25 Inch

Barrel Style: Brazed

CSA File Number: LR22190

Clearance (C): 0.29 Inch

Connection Type: Crimp

Connection Width (Imperial): 0.112 in, 0.138 in, 0.164 in, 0.19 in, 0.25 in, 0.315 in, 0.375 in, 0.5 in

Connection Width (Metric): 2.845 mm, 3.5 mm, 4.166 mm, 4.826 mm, 6.35 mm, 8 mm, 9.525 mm, 12.7 mm

Dimension E: 0.54 Inch

Insulation Material: Non-insulated, Vinyl

Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG, 4 AWG, 6 AWG, 8 AWG

Maximum Conductor Size (Metric): 0.205 mm², 0.823 mm², 13.3 mm², 2.08 mm², 21.2 mm², 5.26 mm², 8.37 mm²

Maximum Operating Temperature (Celsius): 105 °C, 175 °C

Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 22 AWG, 4 AWG, 6 AWG, 8 AWG

Minimum Conductor Size (Metric): 0.14 mm², 0.326 mm², 1.31 mm², 13.3 mm², 21.2 mm², 3.31 mm², 8.37 mm²

Minimum Stud Diameter (Imperial): 0.138 in, 0.164 in, 0.19 in, 0.25 in, 0.313 in, 0.375 in, 0.5 in

Minimum Stud Diameter (Metric): 3.5 mm, 4 mm, 5 mm, 6.35 mm, 7.95 mm, 9.525 mm, 12.7 mm

Product Color: Metal

Ring Type: Standard

Stud Size: 0.138 in, 0.164 in, #10, 0.313 in, 0.5 in, 0.25 in, 0.19 in, 0.375 in

Stud Sizes: #10

Terminal Style: Standard

Terminal Type: Ring

UL File Number: E23438

Units per Case: 500.0

Dimensions and Classifications

Overall Length (Imperial): 0.6 in, 0.68 in, 0.7 in, 0.73 in, 0.74 in, 0.89 in, 0.95 in,
0.96 in, 1.06 in, 1.14 in, 1.19 in, 1.22 in, 1.34 in, 1.41 in, 1.42 in
Overall Length (Metric): 18.54 mm, 18.796 mm
Overall Width (Imperial): 0.25 in, 0.28 in, 0.31 in, 0.33 in, 0.38 in, 0.47 in, 0.54 in,
0.59 in, 0.63 in, 0.68 in, 0.75 in, 0.81 in
Overall Width (Metric): 7.874 mm, 9.65 mm, 11.93 mm, 11.938 mm, 14.986 mm

3M™ Scotchlok™ Vinyl Insulated Brazed Seam Block Forks

Details

Vinyl-insulated, brazed-seam barrel ensures a secure fit and offers reliable performance

Funnel-designed, polyvinyl chloride sleeve offers easy insertion of wires

Suitable for use in a terminal block

Typical properties

Barrel Inside Diameter: 0.070 Inch,0.090 Inch,0.135 Inch

Barrel Length (Imperial): 0.25 Inch

Barrel Style: Brazed

CSA File Number: LR22190

Clearance (C): 0.25 Inch,0.29 Inch

Dimension E: 0.70 Inch,0.7 Inch,0.84 Inch

Fork Type: Block

Insulation Material: Vinyl

Material: ETP Copper, Plastic

Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG

Maximum Conductor Size (Metric): .0823 mm², 2.08 mm², 5.26 mm²

Maximum Insulation Outer Diameter (Imperial): 0.145 in, 0.17 in, 0.25 in

Maximum Insulation Outer Diameter (Metric): 3.7 mm

Maximum Insulation Outside Diameter: 0.145 in

Maximum Operating Temperature (Celsius): 105 °C

Maximum Operating Temperature (Fahrenheit): 221 °F

Maximum Recommended Voltage Rating: 600 V

Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 18 AWG, 22 AWG

Minimum Conductor Size (Metric): 0.326 mm², 0.823 mm², 1.31 mm², 3.31 mm²

Product Color: Blue, Red, Yellow

Solution for: Wireless Network: Infrastructure Accessories

Stud Diameter (Imperial): 0.138 in, 0.164 in, 0.19 in

Stud Diameter (Metric): 3.505 mm, 4.166 mm, 4.826 mm

Stud Size: #10,#6,#8

Terminal Style: Block

Terminal Type: Fork

UL File Number: E23438

Units per Case: 500.0,1000.0

eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Length (Imperial): 0.85 in, 1.03 in

Overall Length (Metric): 21.59 mm, 26.162 mm

Overall Width (Imperial): 0.25 in, 0.3 in, 0.32 in

Overall Width (Metric): 7.62 mm, 8.128 mm

3M™ Highland™ Nylon Fully Insulated Butted Seam Female Disconnects

3M ID B00014837

Details

Nylon-insulated, butted-seam barrel offers easy insertion of wires
Dents and rolled edges of this female disconnect terminal offer excellent holding force
Allows for quick and easy disconnect of wires

Typical properties

eClass 14 Classification Group: 27400204

3M™ Highland™ Vinyl Insulated Butted Seam Standard Forks

Details

Vinyl-insulated, butted-seam barrel ensures a secure fit and offers reliable performance

Funnel-designed, polyvinyl chloride sleeve offers easy insertion of wires

Wider-tongue design for use on free-standing studs

Typical properties

Barrel Inside Diameter: 0.135 Inch

Barrel Length (Imperial): 0.25 Inch

Barrel Style: Butted

CSA File Number: LR22190

Clearance (C): 0.29 Inch

Dimension E: 0.84 Inch

Fork Type: Standard

Insulation Material: Vinyl

Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG

Maximum Conductor Size (Metric): .0823 mm², 2.08 mm², 5.26 mm²

Maximum Insulation Outer Diameter (Imperial): 0.25 in

Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 22 AWG

Minimum Conductor Size (Metric): 0.326 mm², 1.31 mm², 3.31 mm²

Stud Size: #10

Terminal Style: Standard

Terminal Type: Fork

UL File Number: E23438

eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Length (Imperial): 1.03 in

Overall Width (Imperial): 0.38 in

3M™ Cold Shrink Transition Splice Kit QS2012-3T-WS, Tape, Wire, UniShield®, EP-Lead or XLP-Lead, 1/case

3M ID 7100164637 UPC 00054007042112

Typical properties

Cable Shielding: PILC

Case Quantity: 1

Connector O.D. Range: 0.70 - 1.02 Inch

Connector O.D. Range (Metric): 17.8 - 25.8 mm

Maximum Connector Length: 5.2 inch (Al), 5.5 inch (Cu)

Maximum Connector Length (Metric): 132 mm (Al), 140 mm (Cu)

Number of Conductors: 3

PILC Cable Conductor Sizes: 250 kcmil, 3/0 AWG, 4/0 AWG

PILC Cable Conductor Sizes (Metric): 95 - 120 mm²

Poly/EPR Cable Conductor Sizes: 250 kcmil, 350 kcmil, 4/0 AWG, 500 kcmil

Poly/EPR Cable Conductor Sizes (Metric): 120 - 240 mm²

Poly/EPR Cable Insulation O.D. Range: 0.70 - 1.07 Inch

Poly/EPR Cable Insulation O.D. Range (Metric): 17.8 - 27.2 mm

Product Series: QS-2000-3T & QS-2000-3T-WS Series

Splice Type: PILC Trifurcating

Voltage: 15 kV

eClass 14 Classification Group: 27400107

3M™ Hi-Amp Accessory Grounding Kits

Details

Offers grounding and sealing for 1 accessory or termination
Specially designed to accommodate the shielding and grounding of inline splices
Rated for 15 to 35 kV applications

Typical properties

Brands: 3M™
Cable Accessory Products: Sealing and Grounding Kits
Cable Outside Diameter Range: 1.25 - 2.25 in
Cable Outside Diameter Range (Metric): 31.8 - 57.2 mm
Circular Mil Area: 61,000
Maximum Operating Voltage: 35 Kilovolt
Product Type: Grounding Accessory Kit
Units per Case: 10.0

3M™ Scotchlok™ Non-Insulated Brazed Seam Locking Forks

Details

Non-insulated, brazed-seam barrel ensures a secure fit and offers reliable performance

Beveled mouth offers easy insertion of wires

Spring-like tongue firmly fits around the stud

Electrolytic copper construction offers good conductivity

Withstands a maximum temperature of 347 degrees F (175 degrees C) for bare terminals

600V-rated for building wire and 1000V for signs, fixtures or luminaires

UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Barrel Inside Diameter: 0.070 Inch, 0.09 Inch, 0.07 Inch, 0.135 Inch, 0.090 Inch

Barrel Length (Imperial): 0.25 Inch

Barrel Style: Brazed

CSA File Number: LR22190

Clearance (C): 0.25 Inch, 0.28 Inch, 0.44 Inch

Dimension E: 0.50 Inch, 0.53 Inch, 0.69 Inch, 0.5 Inch

Fork Type: Locking Fork, Locking

Insulation Material: Non-insulated

Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG

Maximum Conductor Size (Metric): .0823 mm², 2.08 mm², 5.26 mm²

Maximum Lock Width: 0.27 Inch, 0.35 Inch, 0.48 Inch, 0.36 Inch

Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 22 AWG

Minimum Conductor Size (Metric): 0.326 mm², 1.31 mm², 3.31 mm²

Stud Diameter (Imperial): 0.138 in, 0.25 in

Stud Diameter (Metric): 3.505 mm, 6.35 mm

Stud Size: #10, #6, 1/4 Inch, #8

Terminal Style: Locking

Terminal Type: Fork

UL File Number: E23438

Units per Case: 500.0, 1000.0

eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Length (Imperial): 0.68 in, 0.73 in, 0.94 in

Overall Width (Imperial): 0.25 in, 0.32 in, 0.43 in

3M™ Scotchlok™ Nylon Insulated with Insulation Grip Piggy-Back Disconnects

Details

Nylon-insulated, butted-seam barrel with a funnel-designed, seamless brass sleeve offers easy insertion of wires
The tongue portion with fingers grip a male quick-slide and a tongue extension grips a female quick-slide
Connects a male or female counterpart
Mates with 0.25-in wide male and female tab
Accommodates wire sizes 16 to 14 AWG
Made of durable brass for good conductivity and has corrosion-resistant tin plating
Withstands a temperature range of -40 to 221 degrees F (-40 to 105 degrees C)
Rated 300V for building wire
RoHS 2011/65/EU Compliant

Typical properties

Barrel Inside Diameter: 0.09 Inch
Barrel Length (Imperial): 0.23 Inch
Barrel Style: Insulation Grip
Connection Width (Imperial): 0.25 in
Connection Width (Metric): 6.35 mm
Disconnect Type: Female|Male, Male
Fastener Orientation: Male-Female
Insulation Color: Red
Insulation Material: Nylon, Nylon with Insulation Grip
Mates with Female Width: 0.25 Inch, 0.250 Inch
Mates with Male Tab Width (W'): 0.25 Inch, 0.250 Inch
Maximum Conductor Size (Imperial): 14 AWG
Maximum Conductor Size (Metric): 2.5 mm²
Maximum Insulation Outer Diameter (Imperial): 0.15 in, 0.19 in
Maximum Insulation Outer Diameter (Metric): 3.7 mm
Maximum Insulation Outside Diameter: 0.145 in
Maximum Operating Temperature (Celsius): 105 °C
Maximum Operating Temperature (Fahrenheit): 221 °F
Maximum Recommended Voltage Rating: 820 V
Minimum Conductor Size (Imperial): 16 AWG
Minimum Conductor Size (Metric): 1.5 mm²
Pad Width: 0.25 in
Tab Width: 0.250
Terminal Style: Piggy-back
Terminal Type: Disconnect
Units per Case: 500.0, 1000.0
eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Length (Imperial): 0.91 in

Scotch® Lead-Sheath-Repair-Kit, 35 kV, 1 kit/Case

3M ID 7100164598 UPC 00054007442462

Details

Specifically designed for sealing oil leaks on paper insulated lead covered cable
PILC Lead Repair Kit

Typical properties

Brands: Scotch™

Cable Accessory Products: Splice Repair Kit

Units per Case: 1.0

eClass 14 Classification Group: 20420490

3M™ Scotchlok™ Terminal Boxes

Details

The terminal box is divided into 13 compartments, including one large compartment
Keeps tools and accessories organized

Typical properties

Color Code: Clear
Kit Material: Plastic, Steel
Terminal Type: Terminal Kits

3M™ Scotchlok™ Vinyl Insulated Butted Seam Pin Terminals

Details

Vinyl-insulated, butted-seam barrel ensures a secure fit and offers reliable performance

Funnel-designed, polyvinyl chloride sleeve offers easy insertion of wires

Provides quick connection for set screws or clamps that are used to make electrical contact

Made of copper for good conductivity and has tin plating for corrosion resistance

Withstands a maximum temperature of 167 degrees F (75 degrees C)

Typical properties

Barrel Inside Diameter: 0.070 Inch,0.090 Inch,0.135 Inch

Barrel Style: Butted

Connection Width (Imperial): 0.075 in, 0.11 in, 0.47 in

Connection Width (Metric): 1.905 mm, 2.794 mm, 11.938 mm

Diameter (D): Pin Diameter 0.110 inch (2.79 mm),Pin Diameter 0.075 inch (1.91 mm)

Dimension E: Pin Length 0.47 inch (11.94 mm),Pin Length 0.55 inch (13.97 mm)

Insulation Material: Vinyl

Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG

Maximum Conductor Size (Metric): 1 mm², 2.5 mm², 6 mm²

Maximum Insulation Outer Diameter (Imperial): 0.15 in, 0.17 in, 0.25 in

Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 22 AWG

Minimum Conductor Size (Metric): .34 mm², 1.5 mm², 4 mm²

Pin Length (PL): 0.47 Inch,0.55 Inch

Product Color: Blue, Red, Yellow

Solution for: Wireless Network: Infrastructure Accessories

Terminal Type: Pin

Units per Case: 500.0,1000.0

eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Length (Imperial): 0.9 in, 1.06 in

Overall Length (Metric): 22.86 mm, 26.924 mm

3M™ Scotchlok™ Nylon Fully Insulated Butted Seam Female Disconnects

Details

Nylon-insulated, butted-seam barrel offers easy insertion of wires
Dents and rolled edges of this female disconnect terminal offer excellent holding force
Allows for quick and easy disconnect of wires
Made of durable brass for good conductivity and has corrosion-resistant tin plating
Withstands a temperature range of -40 to 221 degrees F (-40 to 105 degrees C)
Rated 600V for building wire and 1000V for signs, fixtures or luminaires
UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Barrel Inside Diameter: 0.080 Inch, 0.085 Inch, 0.128 Inch, 0.08 Inch
Barrel Length (Imperial): 0.25 Inch
Barrel Style: Butted
CSA File Number: LR22190
Connection Type: Wire
Connection Width (Imperial): 0.187 in, 0.25 in
Connection Width (Metric): 4.75 mm, 6.35 mm
Connector / Connector Tool: Connector
Connector Style: Insulation Displacement
Diameter (D): 0.23 Inch, 0.99 Inch
Disconnect Type: Female
Fastener Orientation: Female
Flame Retardant: No
Grease Filling Against Corrosion: No
Insulation Color: Blue, Red
Insulation Material: Nylon
Interrupt Free Shifting: No
Male Tab Width (W'): 0.187 Inch, 0.25 Inch
Material: ETP Copper, Plastic
Mates with Female Width: 0.187 Inch, 0.250 Inch
Mates with Male Tab Width (W'): 0.187 Inch, 0.25 Inch, 0.250 Inch
Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG
Maximum Conductor Size (Metric): 1 mm², 2.5 mm², 6 mm²
Maximum Insulation Outer Diameter (Imperial): 0.145 in
Maximum Insulation Outer Diameter (Metric): 3.7 mm
Maximum Insulation Outside Diameter: 0.145 in
Maximum Operating Temperature (Celsius): 105 °C
Maximum Operating Temperature (Fahrenheit): 221 °F
Maximum Recommended Voltage Rating: 600 V
Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 22 AWG
Minimum Conductor Size (Metric): .34 mm², 1.5 mm², 4 mm²
Pad Width: 0.187 in, 0.25 in
Product Color: Blue, Red
Product Type: Disconnect

Tab Width: 0.250,0.187
Terminal Style: Fully Insulated
Terminal Type: Disconnect
UL File Number: E70512
Units per Case: 500.0,1000.0
eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Diameter (Imperial): 0.23 in, 0.99 in
Overall Diameter (Metric): 0.64 cm, 5.8 mm
Overall Length (Imperial): 0.81 in, 0.87 in
Overall Length (Metric): 20.57 mm, 22.09 mm
Overall Width (Imperial): 0.3 in, 0.37 in
Overall Width (Metric): 9.4 mm

3M™ Scotchlok™ Vinyl Insulated Butted Seam Ring Tongues

Details

Vinyl-insulated, butted-seam barrel ensures a secure fit and offers reliable performance

Funnel-designed, polyvinyl chloride sleeve offers easy insertion of wires

Standard-style ring tongue fits around the stud

Made of electrolytic copper for good conductivity and has tin plating for corrosion resistance

Withstands a temperature range of -40 to 221 degrees F (-40 to 105 degrees C)

600V-rated for building wire and 1000V for signs, fixtures or luminaires

UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Connection Width (Imperial): 0.112 in, 0.138 in, 0.164 in, 0.19 in, 0.25 in, 0.315 in, 0.375 in

Connection Width (Metric): 2.845 mm, 3.5 mm, 4.166 mm, 4.826 mm, 6.35 mm, 8 mm, 9.525 mm

Insulation Material: Vinyl

Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG

Maximum Conductor Size (Metric): 0.823 mm², 2.08 mm², 5.26 mm²

Maximum Operating Temperature (Celsius): 105 °C

Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 22 AWG

Minimum Conductor Size (Metric): 0.326 mm², 1.31 mm², 3.31 mm²

Minimum Stud Diameter (Metric): 5 mm

Product Color: Blue, Red

Stud Sizes: #10

Terminal Type: Ring

Dimensions and Classifications

Overall Length (Imperial): 0.8 in, 0.9 in, 0.93 in, 0.98 in, 1.03 in, 1.08 in, 1.13 in, 1.26 in

Overall Length (Metric): 22.86 mm

Overall Width (Imperial): 0.25 in, 0.28 in, 0.31 in, 0.33 in, 0.38 in, 0.47 in, 0.53 in, 0.54 in, 0.56 in

Overall Width (Metric): 7.874 mm, 8.38 mm, 9.652 mm

3M™ Scotchlok™ Non-Insulated Seamless Butt Connectors

Typical properties

Barrel Inside Diameter: 0.062 Inch
Barrel Length (Imperial): 0.28 Inch
Barrel Style: Seamless
Body Material: Copper Alloy
CSA File Number: LR22190
Conductor Sizes (Imperial): 22 - 18 AWG
Connection Type: Butt
Connector Type: Butt
Disconnect Type: Female
Insulation Material: Non-insulated
Material: ETP Copper
Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG
Maximum Conductor Size (Metric): 1 mm², 2.5 mm², 6 mm²
Maximum Insulation Outer Diameter (Metric): 3.7 mm
Maximum Insulation Outside Diameter: 0.145 in
Maximum Operating Temperature (Celsius): 105 °C, 175 °C
Maximum Operating Temperature (Fahrenheit): 221 °F, 347 °F
Maximum Recommended Voltage Rating: 600 V
Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 22 AWG
Minimum Conductor Size (Metric): .34 mm², 1.5 mm², 4 mm²
Minimum Stud Diameter (Imperial): 0.19 in
Minimum Stud Diameter (Metric): 5 mm
Product Color: Blue, Metal
Product Type: Connector
Terminal Style: Standard
Terminal Type: Butt Connectors
UL File Number: E23438
Units per Case: 500.0
eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Length (Imperial): 0.63 in, 0.66 in, 0.81 in
Overall Length (Metric): 16 mm, 16.76 mm, 20.574 mm

3M™ Deadbreak T-Body w/Test point 635T, 35kV, 600A,1/Box

3M ID 7100248492 UPC 00051144062690

Details

Meets IEEE Strandard 386 and IEEE Standard 592
Capacitive test-point
Fully shielded, deadfront connection
Interchangeability per IEEE standard 386

Typical properties

Brands: 3M™
Current Rating: 600.0 A
Maximum Operating Voltage: 35 kV
eClass 14 Classification Group: 27440308

3M™ Scotchlok™ Terminal Kits

Details

Made of durable metal with a rugged frame
Includes an assortment of 650 insulated terminals (rings, forks, butt connectors and disconnects), 200 3M Cable Ties, a 3M Scotchlok Crimp Tool TH-440, and a 3M ScotchCode™ Tape Dispenser STD-0-9
Terminals are RoHS 2011/65/EU Compliant

Typical properties

Color Code: Clear, Red
Kit Material: Metal, Plastic
Maximum Insulation Outer Diameter (Metric): 3.7 mm
Maximum Insulation Outside Diameter: 0.145 in
Maximum Recommended Voltage Rating: 600 V
Maximum Voltage Rating: 600 to 1000 V
Product Color: Red
Product Type: Connector
Terminal Type: Terminal Kits
Terminal quantity: 120 , 660
eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Length (Metric): 363.2 mm
Overall Width (Imperial): 10.5 in

3M™ Scotchlok™ Nylon Insulated with Insulation Grip Pin Terminals

Details

Nylon-insulated, butted-seam barrel ensures a secure fit and offers reliable performance

Funnel-designed, seamless brass sleeve offers easy insertion of wires

Provides quick connection for set screws or clamps that are used to make electrical contact

Made of electrolytic copper for good conductivity and has tin plating for corrosion resistance

Withstands a temperature range of -40 to 221 degrees F (-40 to 105 degrees C)

Typical properties

Barrel Inside Diameter: 0.080 in

Barrel Length (Imperial): 0.25 Inch

Barrel Style: Butted Seam, Insulation Grip

CSA File Number: LR22190

Connection Width (Imperial): 0.075 in, 0.11 in

Connection Width (Metric): 1.905 mm, 2.794 mm

Insulated: Yes

Insulation Color: Blue, Yellow

Insulation Material: Nylon, Nylon with Insulation Grip

Material: Plastic

Maximum Conductor Size (Imperial): 10 AWG, 14 AWG

Maximum Conductor Size (Metric): 2.5 mm², 6 mm²

Maximum Insulation Outer Diameter (Imperial): 0.2 in, 0.27 in

Maximum Insulation Outer Diameter (Metric): 3.7 mm

Maximum Insulation Outside Diameter: 0.145 in

Maximum Operating Temperature (Celsius): 105 °C

Maximum Operating Temperature (Fahrenheit): 221 °F

Maximum Recommended Voltage Rating: 600 V

Maximum Voltage Rating: 600 to 1000 V

Minimum Conductor Size (Imperial): 12 AWG, 16 AWG

Minimum Conductor Size (Metric): 1.5 mm², 4 mm²

Operating Temperature Range (Celsius): -40 °C to 105 °C

Operating Temperature Range (Fahrenheit): -40 °F to 221 °F

Pin Length (PL): 0.47 Inch, 0.55 Inch

Product Color: Blue, Yellow

Ring Type: Standard

Terminal Material: Tin-Plated Electrolytic Copper

Terminal Type: Pin

UL File Number: E23438, E70512

Units per Case: 500.0

eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Length (Imperial): 0.9 in, 1.06 in

Overall Length (Metric): 22.86 mm, 26.92 mm

3M™ Scotchlok™ Non-Insulated Double Male-Female Adapters

Details

Interconnects two connectors that are already attached to wires
Features a non-insulated, butted-seam barrel
Perfect for various wire tapping and splicing applications
Mates with 0.25-in wide female and male tab
Made of durable brass for good conductivity and tin-plated for corrosion resistance
Withstands a maximum temperature of 347 degrees F (175 degrees C) for bare terminals
600V-rated for building wire and 1000V for signs, fixtures or luminaires
UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Barrel Style: Butted
CSA File Number: LR22190
Connection Width (Imperial): 0.25 in
Connection Width (Metric): 6.35 mm
Disconnect Type: Female|Male
Fastener Orientation: Double Male-Female
Insulation Material: Non-insulated
Material: Plastic
Mates with Female & Male Tab Width (W'): 0.25 Inch, 0.250 Inch
Maximum Insulation Outer Diameter (Metric): 3.7 mm
Maximum Insulation Outside Diameter: 0.145 in
Maximum Operating Temperature (Celsius): 250 °C
Maximum Operating Temperature (Fahrenheit): 482 °F
Maximum Recommended Voltage Rating: 606 V
Maximum Voltage Rating: 600 to 1000 V
Pad Width: 0.25 in
Product Type: Connector
Terminal Style: Adapter
Terminal Type: Disconnect
UL File Number: E70512
Units per Case: 500.0
eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Length (Imperial): 0.7 in, 0.76 in

3M™ Highland™ Nylon Fully Insulated Butted Seam Male Disconnects

Details

Nylon-insulated, butted-seam barrel allows for easy insertion of wires
This male disconnect terminal offers excellent holding force
Allows for quick and easy disconnect of wires

Typical properties

Barrel Inside Diameter: 0.085 Inch
Barrel Length (Imperial): 0.25 Inch
Barrel Length (Metric): 6.35 mm
Barrel Style: Butted
CSA File Number: LR22190
Connection Width (Imperial): 0.187 in, 0.25 in
Connection Width (Metric): 4.75 mm, 6.35 mm
Diameter (D): 0.3 Inch
Disconnect Type: Male
Fastener Orientation: Male
Insulation Material: Nylon
Material: Plastic
Mates with Female Width: 0.25 Inch
Mates with Male Tab Width (W'): 0.25 Inch
Max. Number of Cores: 423
Maximum Conductor Size (Imperial): 14 AWG
Maximum Conductor Size (Metric): 2.5 mm²
Maximum Insulation Outer Diameter (Imperial): 0.17 in
Maximum Insulation Outer Diameter (Metric): 3.7 mm
Maximum Insulation Outside Diameter: 0.145 in
Maximum Recommended Voltage Rating: 600 V
Maximum Voltage Rating: 600 to 1000 V
Minimum Conductor Size (Imperial): 16 AWG
Minimum Conductor Size (Metric): 1.5 mm²
Pad Width: 0.187 in, 0.25 in
Solution for: Wireless Network: Infrastructure Accessories
Tab Width: 0.250,0.187
Terminal Style: Fully Insulated
Terminal Type: Disconnect
UL File Number: E70512
Units per Case: 10.0
Units per bag: 25
eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Diameter (Imperial): 0.3 in
Overall Diameter (Metric): 7.62 mm
Overall Length (Imperial): 0.95 in
Overall Length (Metric): 24.13 mm
Overall Width (Imperial): 0.44 in

3M™ Highland™ Vinyl Insulated Butted Seam Butt Splices

Typical properties

Barrel Inside Diameter: 0.25 Inch, 0.145 Inch, 0.17 Inch
Barrel Length (Imperial): 0.25 Inch
Barrel Length (Metric): 6.35 mm
Barrel Style: Butted, Butted Seam
Body Material: Copper Alloy
CSA File Number: LR22190
Conductor Sizes (Imperial): 12 - 10 AWG, 16 - 14 AWG, 22 - 18 AWG
Connector Type: Butt
Insulated: Yes
Insulation Color: Red
Insulation Material: Vinyl
Material: Plastic
Max. Number of Cores: 409 , 410 , 411
Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG
Maximum Conductor Size (Metric): 1 mm², 2.5 mm², 6 mm²
Maximum Insulation Outer Diameter (Metric): 3.7 mm
Maximum Insulation Outside Diameter: 0.145 in
Maximum Operating Temperature (Celsius): 105 °C
Maximum Operating Temperature (Fahrenheit): 221 °F
Maximum Recommended Voltage Rating: 600 V
Maximum Voltage Rating: 600 to 1000 V
Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 22 AWG
Minimum Conductor Size (Metric): .34 mm², 1.5 mm², 4 mm²
Operating Temperature Range (Celsius): -40 °C to 105 °C
Operating Temperature Range (Fahrenheit): -40 °F to 221 °F
Terminal Material: Tin-Plated Electrolytic Copper
Terminal Style: Standard
Terminal Type: Butt Connectors
UL File Number: E23438
Units per Case: 10.0
Units per bag: 25
eClass 14 Classification Group: 27400212

Dimensions and Classifications

Overall Length (Imperial): 1 in, 1.02 in
Overall Length (Metric): 25.4 mm, 25.908 mm

3M™ Scotchlok™ Non-Insulated Butted Seam Block Forks

Typical properties

Barrel Inside Diameter: 0.135 Inch
Barrel Length (Imperial): 0.25 Inch
Barrel Style: Butted
CSA File Number: LR22190
Clearance (C): 0.29 Inch
Dimension E: 0.54 Inch
Fork Type: Block
Insulation Material: Non-insulated
Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG
Maximum Conductor Size (Metric): .0823 mm², 2.08 mm², 5.26 mm²
Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 22 AWG
Minimum Conductor Size (Metric): 0.326 mm², 1.31 mm², 3.31 mm²
Minimum Stud Diameter (Imperial): 0.112 in, 0.138 in, 0.164 in, 0.19 in
Minimum Stud Diameter (Metric): 2.5 mm, 3.5 mm, 4 mm, 5 mm
Solution for: Wireless Network: Infrastructure Accessories
Stud Diameter (Imperial): 0.19 in
Stud Diameter (Metric): 4.826 mm
Stud Size: #10
Terminal Style: Block
Terminal Type: Fork
UL File Number: E23438
Units per Case: 500.0
eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Length (Imperial): 0.65 in, 0.73 in
Overall Width (Imperial): 0.25 in, 0.3 in, 0.32 in

3M™ Pin (Stem) Mechanical Shearbolt Lug QP

3M ID B5005184000

Details

Designed to use with cold shrink QT-III terminations
Stepless shearbolt offers excellent performance American Wire Gauge conductors
For use on copper or aluminum conductors
Accommodates wire range of 7 to 4/0 AWG
Aluminum alloy with tin plating for corrosion resistance
Includes centering rings, foil tape, cold shrink sealing tube
Meets ANSI C119.1 requirements

Typical properties

Product Type: Lug

3M™ Cold Shrink QS4 Integrated Splice QS4-35SP-350-1000-BCA

3M ID 7100036324 UPC 00051128605806

Typical properties

Brands: 3M™

Cable Shielding: Flat Strap Neutral, Jacketed Concentric Neutral (JCN),
Longitudinally Corrugated (LC), Tape Shield

Case Quantity: 1

Conductor Sizes (Imperial): 1000 kcmil

Conductor Sizes (Metric): 500 mm²

Connector Included: No

Insulation O.D. Range: 1.24 - 2.07 Inch

Insulation O.D. Range (Metric): 31.5 - 52.6 mm

Insulation Outer Diameter (Imperial): 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in,
1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in,
1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in,
1.49 in, 1.5 in, 1.51 in, 1.52 in, 1.53 in, 1.54 in, 1.55 in, 1.56 in, 1.57 in, 1.58 in,
1.59 in, 1.6 in, 1.61 in, 1.62 in, 1.63 in, 1.64 in, 1.65 in, 1.66 in, 1.67 in, 1.68 in,
1.69 in, 1.7 in, 1.71 in, 1.72 in, 1.73 in, 1.74 in, 1.75 in, 1.76 in, 1.77 in, 1.78 in,
1.79 in, 1.8 in, 1.81 in, 1.82 in, 1.83 in, 1.84 in, 1.85 in, 1.86 in, 1.87 in, 1.88 in,
1.89 in, 1.9 in, 1.91 in, 1.92 in, 1.93 in, 1.94 in, 1.95 in, 1.96 in, 1.97 in, 1.98 in,
1.99 in, 2 in, 2.01 in, 2.02 in, 2.03 in, 2.04 in, 2.05 in, 2.06 in, 2.07 in

Insulation Outer Diameter (Metric): 31.496 mm, 31.75 mm, 32.004 mm, 32.258
mm, 32.512 mm, 32.766 mm, 33.02 mm, 33.274 mm, 33.528 mm, 33.782 mm,
34.036 mm, 34.29 mm, 34.544 mm, 34.798 mm, 35.052 mm, 35.306 mm, 35.56
mm, 35.814 mm, 36.068 mm, 36.322 mm, 36.576 mm, 36.83 mm, 37.084 mm,
37.338 mm, 37.592 mm, 37.846 mm, 38.1 mm, 38.354 mm, 38.608 mm, 38.862
mm, 39.116 mm, 39.37 mm, 39.624 mm, 39.878 mm, 40.132 mm, 40.386 mm,
40.64 mm, 40.894 mm, 41.148 mm, 41.402 mm, 41.656 mm, 41.91 mm, 42.164
mm, 42.418 mm, 42.672 mm, 42.926 mm, 43.18 mm, 43.434 mm, 43.688 mm,
43.942 mm, 44.196 mm, 44.45 mm, 44.704 mm, 44.958 mm, 45.212 mm, 45.466
mm, 45.72 mm, 45.974 mm, 46.228 mm, 46.482 mm, 46.736 mm, 46.99 mm,
47.244 mm, 47.498 mm, 47.752 mm, 48.006 mm, 48.26 mm, 48.514 mm, 48.768
mm, 49.022 mm, 49.276 mm, 49.53 mm, 49.784 mm, 50.038 mm, 50.292 mm,
50.546 mm, 50.8 mm, 51.054 mm, 51.308 mm, 51.562 mm, 51.816 mm, 52.07
mm, 52.324 mm, 52.578 mm

Insulation Outside Diameter Range (Metric): 31.5 - 52.6 mm

Minimum Conductor Size (Imperial): 350 kcmil

Minimum Conductor Size (Metric): 185 mm²

Number of Conductors: 1

Product Series: QS4

Splice Type: Inline

Voltage: 35 kV

eClass 14 Classification Group: 27400107

3M™ Scotchlok™ Hardened Steel Ratchet Tool

Details

Simultaneously crimps the barrel and insulation grip on insulated terminals and connectors

Features a terminal locator for proper insertion of the conductor

Crimps nylon, vinyl-insulated, butted- or brazed-seam terminals and connectors

Typical properties

Material: Steel

Terminal Type: Terminal Tools

eClass 14 Classification Group: 21049090

3M™ Scotchlok™ Vinyl Insulated Brazed Seam Locking Forks

Details

Vinyl-insulated, brazed-seam barrel ensures a secure fit and offers reliable performance

Funnel-designed, polyvinyl chloride sleeve offers easy insertion of wires

Spring-like tongue firmly fits around the stud

Electrolytic copper construction offers good conductivity

Withstands a temperature range of -40 to 221 degrees F (-40 to 105 degrees C)

600V-rated for building wire and 1000V for signs, fixtures or luminaires

UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Barrel Inside Diameter: 0.070 Inch,0.09 Inch,0.07 Inch,0.135 Inch,0.090 Inch

Barrel Length (Imperial): 0.25 Inch

Barrel Style: Brazed

CSA File Number: LR22190

Clearance (C): 0.25 Inch,0.28 Inch,0.44 Inch,0.40 Inch

Dimension E: 0.85 Inch,0.70 Inch,0.99 Inch,0.83 Inch,0.7 Inch

Fork Type: Locking

Insulation Material: Vinyl

Material: Plastic

Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG

Maximum Conductor Size (Metric): .0823 mm², 2.08 mm², 5.26 mm²

Maximum Insulation Outer Diameter (Imperial): 0.145 in, 0.17 in, 0.25 in

Maximum Insulation Outer Diameter (Metric): 3.7 mm

Maximum Insulation Outside Diameter: 0.145 in

Maximum Lock Width: 0.34 Inch,0.35 Inch,0.27 Inch,0.3 Inch,0.30 Inch,0.48 Inch,0.36 Inch

Maximum Operating Temperature (Celsius): 105 °C

Maximum Operating Temperature (Fahrenheit): 221 °F

Maximum Recommended Voltage Rating: 600 V

Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 18 AWG, 22 AWG

Minimum Conductor Size (Metric): 0.326 mm², 0.823 mm², 1.31 mm², 3.31 mm²

Product Color: Blue, Red, Yellow

Solution for: Wireless Network: Infrastructure Accessories

Stud Diameter (Imperial): 0.138 in, 0.164 in, 0.19 in, 0.19685 in, 0.25 in

Stud Diameter (Metric): 3.505 mm, 4.166 mm, 4.826 mm, 5 mm, 6.35 mm

Stud Size: #4,#10,#6,1/4 Inch,#8

Stud Sizes: #10

Terminal Style: Locking

Terminal Type: Fork

UL File Number: E23438

Units per Case: 500.0,1000.0

eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Length (Imperial): 0.88 in, 1.03 in, 1.1 in, 1.24 in

Overall Length (Metric): 22.35 mm, 31.49 mm
Overall Width (Imperial): 0.25 in, 0.28 in, 0.3 in, 0.32 in, 0.43 in
Overall Width (Metric): 6.09 mm, 8.12 mm, 10.92 mm

3M™ Discrete Wire Hand Tool, 3430-1000 Series

3M ID 7000057719 UPC 00054007304524

Typical properties

Brands: 3M™

Factory ISO Certification: No ISO Certification information available

Product Type: Tool

Tech Sheet Number: FA-0004

eClass 14 Classification Group: 17100404

3M™ Scotchlok™ Vinyl Insulated Butted Seam Parallel Connectors

Typical properties

Barrel Inside Diameter: 0.090 in
Barrel Length (Imperial): 0.30 Inch
Barrel Style: Butted Seam
Body Material: Copper Alloy
Connector Type: Butt
Cu Stranded Wire Combinations: 1 #18 to 1 #18, 16, 14, 1 #16 to 1 #16, 1 #22 to 1 #22, 20, 18, 16, 14, 1 #20 to 1 #20, 18, 16, 14
Insulated: Yes
Insulation Color: Blue
Insulation Material: Vinyl
Maximum Conductor Size (Imperial): 10 AWG, 16 AWG, 18 AWG
Maximum Conductor Size (Metric): 1 mm², 1.5 mm², 6 mm²
Maximum Insulation Outer Diameter (Imperial): 0.17 in
Maximum Voltage Rating: 600 to 1000 V
Minimum Conductor Size (Imperial): 12 AWG, 14 AWG, 22 AWG
Minimum Conductor Size (Metric): .34 mm², 2.5 mm², 4 mm²
Minimum Stud Diameter (Imperial): 0.19 in
Minimum Stud Diameter (Metric): 5 mm
Operating Temperature Range (Celsius): -40 °C to 105 °C
Operating Temperature Range (Fahrenheit): -40 °F to 221 °F
Solution for: Wireless Network: Infrastructure Accessories
Terminal Material: Tin-Plated Electrolytic Copper
Terminal Type: Parallel Connector
Units per Case: 1000.0
eClass 14 Classification Group: 27400212

Dimensions and Classifications

Overall Length (Imperial): 0.67 in, 0.87 in

3M™ Flat Cable Cutter 3382

3M ID 7000063040 UPC 04001895143717

Typical properties

Factory ISO Certification: No ISO Certification information available
Tech Sheet Number: FA-0002

3M™ Cold Shrink QT-III Termination Kit 7620-S, 7680-S & 7690-S Series

Details

Provides a void-free seal to tape shield, wire shield and UniShield® power cables
High dielectric-constant material regulates the distribution of electric field stress
Suitable for outdoor applications
Silicone rubber insulation offers durability and reduces leakage currents in damp conditions

Typical properties

BIL: 110 kV, 150 kV, 200 kV, 95 kV

Brands: 3M™

Breakout Boot: No

Cable Insulation Outside Diameter Range: 0.32-0.59 in, 0.44-0.89 in, 0.64-1.08 in, 0.72-1.29 in, 0.83-1.53 in, 1.05-1.80 in, 1.53-2.32 in, 0.69-1.22 in

Cable Insulation Outside Diameter Range (Metric): 11.2-22.6 mm, 16.3 - 27.4 mm, 18.3-32.8 mm, 21.1 - 38.9 mm, 26.7 - 45.7 mm, 38.9 - 58.9 mm, 8.1-15.0 mm, 17,5-31,0 mm

Cable Shielding: Concentric Neutral (CN), Jacketed Concentric Neutral (JCN), Longitudinally Corrugated (LC), Tape Shield, UniShield®, Wire Shield, Wire-Over-Tape Shield

Case Quantity: 1

Compatible Lug: QL2-A-4/0-600,QL2-A-2-250,QL2-A-500-1000,QL2-A-350-750,QL2-A-1/0-350,QL2-A-1000-1250

Conductor Sizes (Imperial): 1 AWG, 1/0 AWG, 1000 kcmil, 1250 kcmil, 1500 kcmil, 1750 kcmil, 2 AWG, 2/0 AWG, 2000 kcmil, 250 kcmil, 3/0 AWG, 300 kcmil, 350 kcmil, 4 AWG, 4/0 AWG, 400 kcmil, 500 kcmil, 6 AWG, 600 kcmil, 700 kcmil, 750 kcmil, 8 AWG, 800 kcmil, 900 kcmil

Indoor/Outdoor: Outdoor Skirted

Insulation Level: 100%, 133%

Insulation Outer Diameter (Imperial): 0.32 in, 0.33 in, 0.34 in, 0.35 in, 0.36 in, 0.37 in, 0.38 in, 0.39 in, 0.4 in, 0.41 in, 0.42 in, 0.43 in, 0.44 in, 0.45 in, 0.46 in, 0.47 in, 0.48 in, 0.49 in, 0.5 in, 0.51 in, 0.52 in, 0.53 in, 0.54 in, 0.55 in, 0.56 in, 0.57 in, 0.58 in, 0.59 in, 0.6 in, 0.61 in, 0.62 in, 0.63 in, 0.64 in, 0.65 in, 0.66 in, 0.67 in, 0.68 in, 0.69 in, 0.7 in, 0.71 in, 0.72 in, 0.73 in, 0.74 in, 0.75 in, 0.76 in, 0.77 in, 0.78 in, 0.79 in, 0.8 in, 0.81 in, 0.82 in, 0.83 in, 0.84 in, 0.85 in, 0.86 in, 0.87 in, 0.88 in, 0.89 in, 0.9 in, 0.91 in, 0.92 in, 0.93 in, 0.94 in, 0.95 in, 0.96 in, 0.97 in, 0.98 in, 0.99 in, 1 in, 1.01 in, 1.02 in, 1.03 in, 1.04 in, 1.05 in, 1.06 in, 1.07 in, 1.08 in, 1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in, 1.16 in, 1.17 in, 1.18 in, 1.19 in, 1.2 in, 1.21 in, 1.22 in, 1.23 in, 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in, 1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in, 1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in, 1.49 in, 1.5 in, 1.51 in, 1.52 in, 1.53 in, 1.54 in, 1.55 in, 1.56 in, 1.57 in, 1.58 in, 1.59 in, 1.6 in, 1.61 in, 1.62 in, 1.63 in, 1.64 in, 1.65 in, 1.66 in, 1.67 in, 1.68 in, 1.69 in, 1.7 in, 1.71 in, 1.72 in, 1.73 in, 1.74 in, 1.75 in, 1.76 in, 1.77 in, 1.78 in, 1.79 in, 1.8 in, 1.81 in, 1.82 in, 1.83 in, 1.84 in, 1.85 in, 1.86 in, 1.87 in, 1.88 in, 1.89 in, 1.9 in, 1.91 in, 1.92 in, 1.93 in, 1.94 in, 1.95 in, 1.96 in, 1.97 in, 1.98 in, 1.99 in, 2 in, 2.01 in, 2.02 in, 2.03 in, 2.04 in, 2.05 in, 2.06 in,

2.07 in, 2.08 in, 2.09 in, 2.1 in, 2.11 in, 2.12 in, 2.13 in, 2.14 in, 2.15 in, 2.16 in, 2.17 in, 2.18 in, 2.19 in, 2.2 in, 2.21 in, 2.22 in, 2.23 in, 2.24 in, 2.25 in, 2.26 in, 2.27 in, 2.28 in, 2.29 in, 2.3 in, 2.31 in, 2.32 in

Insulation Outer Diameter (Metric): 8.128 mm, 8.382 mm, 8.636 mm, 8.89 mm, 9.144 mm, 9.398 mm, 9.652 mm, 9.906 mm, 10.16 mm, 10.414 mm, 10.668 mm, 10.922 mm, 11.176 mm, 11.43 mm, 11.684 mm, 11.938 mm, 12.192 mm, 12.446 mm, 12.7 mm, 12.954 mm, 13.208 mm, 13.462 mm, 13.716 mm, 13.97 mm, 14.224 mm, 14.478 mm, 14.732 mm, 14.986 mm, 15.24 mm, 15.494 mm, 15.748 mm, 16.002 mm, 16.256 mm, 16.51 mm, 16.764 mm, 17.018 mm, 17.272 mm, 17.526 mm, 17.78 mm, 18.034 mm, 18.288 mm, 18.542 mm, 18.796 mm, 19.05 mm, 19.304 mm, 19.558 mm, 19.812 mm, 20.066 mm, 20.32 mm, 20.574 mm, 20.828 mm, 21.082 mm, 21.336 mm, 21.59 mm, 21.844 mm, 22.098 mm, 22.352 mm, 22.606 mm, 22.86 mm, 23.114 mm, 23.368 mm, 23.622 mm, 23.876 mm, 24.13 mm, 24.384 mm, 24.638 mm, 24.892 mm, 25.146 mm, 25.4 mm, 25.654 mm, 25.908 mm, 26.162 mm, 26.416 mm, 26.67 mm, 26.924 mm, 27.178 mm, 27.432 mm, 27.686 mm, 27.94 mm, 28.194 mm, 28.448 mm, 28.702 mm, 28.956 mm, 29.21 mm, 29.464 mm, 29.718 mm, 29.972 mm, 30.226 mm, 30.48 mm, 30.734 mm, 30.988 mm, 31.242 mm, 31.496 mm, 31.75 mm, 32.004 mm, 32.258 mm, 32.512 mm, 32.766 mm, 33.02 mm, 33.274 mm, 33.528 mm, 33.782 mm, 34.036 mm, 34.29 mm, 34.544 mm, 34.798 mm, 35.052 mm, 35.306 mm, 35.56 mm, 35.814 mm, 36.068 mm, 36.322 mm, 36.576 mm, 36.83 mm, 37.084 mm, 37.338 mm, 37.592 mm, 37.846 mm, 38.1 mm, 38.354 mm, 38.608 mm, 38.862 mm, 39.116 mm, 39.37 mm, 39.624 mm, 39.878 mm, 40.132 mm, 40.386 mm, 40.64 mm, 40.894 mm, 41.148 mm, 41.402 mm, 41.656 mm, 41.91 mm, 42.164 mm, 42.418 mm, 42.672 mm, 42.926 mm, 43.18 mm, 43.434 mm, 43.688 mm, 43.942 mm, 44.196 mm, 44.45 mm, 44.704 mm, 44.958 mm, 45.212 mm, 45.466 mm, 45.72 mm, 45.974 mm, 46.228 mm, 46.482 mm, 46.736 mm, 46.99 mm, 47.244 mm, 47.498 mm, 47.752 mm, 48.006 mm, 48.26 mm, 48.514 mm, 48.768 mm, 49.022 mm, 49.276 mm, 49.53 mm, 49.784 mm, 50.038 mm, 50.292 mm, 50.546 mm, 50.8 mm, 51.054 mm, 51.308 mm, 51.562 mm, 51.816 mm, 52.07 mm, 52.324 mm, 52.578 mm, 52.832 mm, 53.086 mm, 53.34 mm, 53.594 mm, 53.848 mm, 54.102 mm, 54.356 mm, 54.61 mm, 54.864 mm, 55.118 mm, 55.372 mm, 55.626 mm, 55.88 mm, 56.134 mm, 56.388 mm, 56.642 mm, 56.896 mm, 57.15 mm, 57.404 mm, 57.658 mm, 57.912 mm, 58.166 mm, 58.42 mm, 58.674 mm, 58.928 mm

Insulation Rejacketing: No

Lug/Stem Connector Included in Kit: No

Maximum Installed Length: 10.50 in, 12.25 in, 13.25 in, 20.50 in, 21.50 in, 9.80 in

Number of Conductors: 1

Number of Skirts: 2 , 4 , 8

Product Series: 7620-S, 7620-S-2, 7680-S, 7690-S

Product Type: Termination Kit

Splice Type: Cold Shrink

Units per Case: 3.0

Voltage: 15 kV, 25 kV, 25/28 kV, 35 kV, 46 kV, 5 kV, 8 kV

Voltage Application: Medium Voltage

eClass 14 Classification Group: 27400102

3M™ Deadbreak Shearbolt Lug

Details

Meets IEEE Standard 386 and ANSI C119.4
Shearbolt design eliminates dies and press
Range taking
For use on aluminum or copper conductor

Typical properties

Conductor Sizes (Imperial): 1250 kcmil, 250 kcmil, 500 kcmil, 750 kcmil
Conductor Sizes (Metric): 120 mm², 240 mm², 400 mm², 633 mm²
Lug Type: Shearbolt Lugs
Product Type: Lug

3M™ Cold Shrink QT-III Tubular Termination Kits

Typical properties

BIL: 150 kV, 200 kV, 95 kV

Breakout Boot: No, Yes

Cable Insulation Outside Diameter Range: 0.70-0.92 in, 0.92-1.18 in, 1.15-1.90 in, 1.15-1.98 in, 1.53-1.81 in, 1.53-2.32 in

Cable Insulation Outside Diameter Range (Metric): 17.8-23.4 mm, 23.4-30.0 mm, 29.2-48.3 mm, 29.2-50.3 mm, 38.8-46.0mm, 38.9 - 58.9 mm

Cable Shielding: Concentric Neutral (CN), Jacketed Concentric Neutral (JCN), Tape Shield, UniShield®, Wire Shield

Case Quantity: 1

Compatible Lug: QL2-A-4/0-600, QL2-A-500-1000, QL2-A-350-750, QL2-A-1000-1250

Conductor Sizes (Imperial): 1000 kcmil, 1250 kcmil, 1500 kcmil, 1750 kcmil, 2/0 AWG, 2000 kcmil, 250 kcmil, 3/0 AWG, 300 kcmil, 350 kcmil, 4/0 AWG, 400 kcmil, 500 kcmil, 600 kcmil, 700 kcmil, 750 kcmil, 800 kcmil, 900 kcmil

Indoor/Outdoor: Indoor Non-skirted, Outdoor Skirted

Insulation Level: 100%, 133%

Insulation Outer Diameter (Imperial): 0.701 in, 0.92 in, 0.94 in, 0.95 in, 0.96 in, 0.97 in, 0.98 in, 0.99 in, 1 in, 1.01 in, 1.02 in, 1.03 in, 1.04 in, 1.05 in, 1.06 in, 1.07 in, 1.08 in, 1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in, 1.16 in, 1.17 in, 1.18 in, 1.19 in, 1.2 in, 1.21 in, 1.22 in, 1.23 in, 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in, 1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in, 1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in, 1.49 in, 1.5 in, 1.51 in, 1.52 in, 1.53 in, 1.54 in, 1.55 in, 1.56 in, 1.57 in, 1.58 in, 1.59 in, 1.6 in, 1.61 in, 1.62 in, 1.63 in, 1.64 in, 1.65 in, 1.66 in, 1.67 in, 1.68 in, 1.69 in, 1.7 in, 1.71 in, 1.72 in, 1.73 in, 1.74 in, 1.75 in, 1.76 in, 1.77 in, 1.78 in, 1.79 in, 1.8 in, 1.81 in, 1.82 in, 1.83 in, 1.84 in, 1.85 in, 1.86 in, 1.87 in, 1.88 in, 1.89 in, 1.9 in, 1.91 in, 1.92 in, 1.93 in, 1.94 in, 1.95 in, 1.96 in, 1.97 in, 1.98 in, 1.99 in, 2 in, 2.01 in, 2.02 in, 2.03 in, 2.04 in, 2.05 in, 2.06 in, 2.07 in, 2.08 in, 2.09 in, 2.1 in, 2.11 in, 2.12 in, 2.13 in, 2.14 in, 2.15 in, 2.16 in, 2.17 in, 2.18 in, 2.19 in, 2.2 in, 2.21 in, 2.22 in, 2.23 in, 2.24 in, 2.25 in, 2.26 in, 2.27 in, 2.28 in, 2.29 in, 2.3 in, 2.31 in, 2.32 in

Insulation Outer Diameter (Metric): 17.8 mm

Insulation Rejacketing: No, Yes

Jacket Outside Diameter Range: 1.84-2.80 Inch

Jacket Outside Diameter Range (Metric): 46.8-71.1 mm

Lug/Stem Connector Included in Kit: No

Maximum Cable Outside Diameter: 5.40 in

Maximum Cable Outside Diameter (Metric): 137.2 mm

Maximum Installed Length: 13.25 in, 16.00 in, 8.50 in, Termination only (not including RJS sleeving or Break-out boot: 21.5")

Maximum Installed Length (Metric): Termination only (not including RJS sleeving or Break-out boot: 546mm)

Number of Conductors: 1 , 3

Number of Skirts: 4 , 8

Product Series: 3-RJS, 3G, 7600-3-W, 7640-S-TI, 7650-S-TI Series, 7650-T-150,
7690-S
Voltage: 15 kV, 25 kV, 25/28 kV, 35 kV, 5 kV, 8 kV
eClass 14 Classification Group: 27400102

3M™ Scotchlok™ Carbon Steel Scissors

3M ID B5005319013

Details

Features crimp stations for closed-end connectors, as well as insulated and non-insulated terminals

Includes wire-stripping stations for circumferential, effortless cutting

Features crimp stations for 26 to 6 AWG connectors

Typical properties

eClass 14 Classification Group: 21049090

3M™ Scotchflex™ Cable Tie Base

Details

Makes mounting wires and cables quick, easy and secure
Features a self-adhesive stick for lightweight applications or a screw mount for heavyweight applications
Available in neutral or black
RoHS 2011/65/EU Compliant

Typical properties

Cable Management Products: Cable Tie Bases
Cable Tie Base Height: 0.28 Inch, 0.23 Inch, 0.22 Inch, 0.38 Inch
Cable Tie Base Height (Metric): 5.6 mm, 7 mm, 10 mm
Cable Tie Base Length: 0.6 in, 0.74 in, 0.87 in, 1 in, 3 in
Cable Tie Base Length (Metric): 15 mm, 19 mm, 22 mm, 25 mm
Cable Tie Base Width: 0.62 Inch, 0.99 Inch, 0.74 Inch, 0.41 Inch
Cable Tie Base Width (Metric): 10 mm, 16 mm, 19 mm, 25 mm
Cable Tie Type: Base
For Use With: Miniature, Intermediate, & Standard Cable Ties, Miniature, Intermediate, Standard, & Heavy Duty Cable Ties
Halogen Free: Yes
MIL Approval: No
Material: Nylon
Max. Number of Cores: 189
Maximum Operating Temperature: 85 Degree Celsius
Maximum Operating Temperature (Celsius): 85 °C
Maximum Operating Temperature (Fahrenheit): 185 °F
Mount Type: Adhesive, Screw
Mounting Option: 2-Way Screw Mount, 4-Way Adhesive Mount
Product Color: UV Resistant Black
Product Type: Cable Ties
Slot Height (Imperial): 0.06 in, 0.1 in
Slot Height (Metric): 1.5 mm, 2.5 mm
Slot Width (Imperial): 0.21 in, 0.35 in
Slot Width (Metric): 5.334 mm, 8.89 mm
Slot Width (mm): 5.1 mm
Solution for: Long-haul/Metro Loop Network: CO/POP, Long-haul/Metro Loop Network: Outdoor, Wireless Network: Backhaul
UL Approval: Yes
UV Resistant: Yes
Units per Case: 500.0
Units per bag: 100
VG Approval: No
eClass 14 Classification Group: 15090300

Dimensions and Classifications

Overall Length (Imperial): 0.6 in, 0.75 in, 0.87 in, 1 in
Overall Length (Metric): 15 mm, 19.05 mm, 22 mm, 25.4 mm

Overall Width (Imperial): 0.41 in, 0.62 in, 0.75 in, 1 in
Overall Width (Metric): 10.41 mm, 15.75 mm, 19 mm, 25.4 mm

3M™ Scotchlok™ Vinyl Insulated Butted Seam Female Disconnects

Details

Vinyl-insulated, butted-seam barrel with a funnel-designed, polyvinyl chloride sleeve offers easy insertion of wires
Dents and rolled edges of this female disconnect terminal offer excellent holding force
Allows for quick and easy disconnect of wires

Typical properties

Barrel Inside Diameter: 0.175 Inch, 0.080 Inch, 0.085 Inch, 0.8 Inch, 0.08 Inch
Barrel Length (Imperial): 0.25 Inch
Barrel Style: Butted
Bullet Diameter: 0.180
CSA File Number: LR22190
Connection Type: Wire
Connection Width (Imperial): 0.11 in, 0.187 in, 0.25 in, 0.375 in
Connection Width (Metric): 2.794 mm, 4.75 mm, 6.35 mm, 9.525 mm
Connector / Connector Tool: Connector
Connector Style: Insulation Displacement
Diameter (D): 0.23 Inch
Disconnect Type: Female
Fastener Orientation: Female
Flame Retardant: No
Grease Filling Against Corrosion: No
Insulation Color: Blue, Red
Insulation Material: Vinyl
Interrupt Free Shifting: No
Male Tab Width (W'): 0.187 Inch
Material: ETP Copper
Mates with Female Width: 0.110 Inch, 0.187 Inch, 0.25 Inch, 0.250 Inch, 0.375 Inch
Mates with Male Tab Width (W'): 0.110 Inch, 0.187 Inch, 0.25 Inch, 0.375 Inch
Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 16 AWG, 18 AWG, 22 AWG
Maximum Conductor Size (Metric): 1 mm², 1.5 mm², 2.5 mm², 6 mm²
Maximum Insulation Outer Diameter (Imperial): 0.145 in, 0.18 in, 0.25 in
Maximum Insulation Outer Diameter (Metric): 3.7 mm
Maximum Insulation Outside Diameter: 0.145 in
Maximum Operating Temperature (Celsius): 105 °C
Maximum Operating Temperature (Fahrenheit): 221 °F
Maximum Recommended Voltage Rating: 600 V
Minimum Conductor Size (Imperial): 12 AWG, 14 AWG, 16 AWG, 18 AWG, 22 AWG
Minimum Conductor Size (Metric): .34 mm², 1.5 mm², 2.5 mm², 4 mm²
Pad Width: 0.187 in, 0.25 in, 0.375 in
Product Color: Blue, Red
Solution for: Wireless Network: Infrastructure Accessories
Tab Width: 0.250, 0.187

Terminal Style: Standard
Terminal Type: Disconnect, Standard
UL File Number: E70512
Units per Case: 500.0,1000.0
eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Diameter (Imperial): 0.23 in
Overall Length (Imperial): 0.73 in, 0.78 in, 0.87 in, 1.23 in
Overall Length (Metric): 19.812 mm, 22.09 mm
Overall Width (Imperial): 0.37 in

3M™ Molded Rubber QS-II Cable Splice Kits 5420 Series

3M ID B00050107

Details

- 3-piece inline splice to use on jacketed concentric neutral (JCN) or concentric neutral (CN) cables
- Excellent electrical stress distribution
- Designed for direct burial, aerial and submersible applications
- Molded from specially formulated, peroxide-cured EPDM rubbers
- Rated for 25/28 kV cables
- Production-tested to offer reliability

5477A Splice Body

3M ID B00013990

Typical properties

Conductor Material: Aluminum, Copper
eClass 14 Classification Group: 27400107

3M™ Scotchlok™ Vinyl Insulated Brazed Seam Butt Connectors

Details

Vinyl-insulated, brazed-seam barrel ensures a secure fit and offers reliable performance

Funnel-designed, polyvinyl chloride sleeve offers easy insertion of wires

Built-in wire stop for correct positioning

Withstands a temperature range of -40 to 221 degrees F (-40 to 105 degrees C)

Typical properties

Fork Type: Standard

Insulation Material: Vinyl

Maximum Conductor Size (Imperial): 4 AWG, 6 AWG, 8 AWG

Maximum Conductor Size (Metric): 10 mm², 16 mm², 25 mm²

Maximum Operating Temperature (Celsius): 105 °C

Minimum Conductor Size (Imperial): 4 AWG, 6 AWG, 8 AWG

Minimum Conductor Size (Metric): 10 mm², 16 mm², 25 mm²

Product Color: Red

Terminal Style: Standard

eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Length (Imperial): 1.5 in, 1.71 in, 2.17 in

**3M™ Scotchlok™ Block Fork Vinyl Insulated, 100/bottle, MVU14-10FBX,
suitable for use in a terminal block, 500/Case**

3M ID 7010398239 UPC 00051128590348

Typical properties

Barrel Inside Diameter: 0.090 Inch
Barrel Length (Imperial): 0.25 Inch
Barrel Style: Butted
Brands: Scotchlok™
CSA File Number: LR22190
Clearance (C): 0.25 Inch
Dimension E: 0.7 Inch
Fork Type: Block
Insulation Material: Vinyl
Maximum Conductor Size (Imperial): 14 AWG
Maximum Conductor Size (Metric): 2.08 mm²
Maximum Insulation Outer Diameter (Imperial): 0.17 in
Minimum Conductor Size (Imperial): 16 AWG
Minimum Conductor Size (Metric): 1.31 mm²
Solution for: Wireless Network: Infrastructure Accessories
Stud Diameter (Imperial): 0.19 in
Stud Diameter (Metric): 4.826 mm
Stud Size: #10
Terminal Style: Block
Terminal Type: Fork
UL File Number: E70512
Units per Case: 500.0
eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Length (Imperial): 0.85 in
Overall Width (Imperial): 0.3 in

3M™ Scotchlok™ Nylon Insulated with Insulation Grip Male Disconnects

Details

Non-insulated, butted-seam barrel ensures a secure fit and offers reliable performance

Beveled mouth offers easy insertion of wires

Wider tongue design for use on free-standing studs

Made of electrolytic copper for good conductivity and has tin plating for corrosion resistance

Withstands a maximum temperature of 347 degrees F (175 degrees C) for bare terminals

600V-rated for building wire and 1000V for signs, fixtures or luminaires

UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Barrel Inside Diameter: 0.080 Inch, 0.085 Inch, 0.065 Inch, 0.15 Inch, 0.08 Inch, 0.150 Inch

Barrel Length (Imperial): 0.25 Inch, 0.24 Inch

Barrel Style: Insulation Grip

Bullet Diameter: 0.180, 0.156

CSA File Number: LR22190

Connection Type: Wire

Connection Width (Imperial): 0.187 in, 0.25 in

Connection Width (Metric): 4.75 mm, 6.35 mm

Diameter (D): 0.39 Inch

Disconnect Type: Male

Fastener Orientation: Male

Flame Retardant: No

Grease Filling Against Corrosion: No

Insulation Color: Blue, Red, Yellow

Insulation Material: Nylon

Male Tab Width (W'): 0.187 Inch, 0.25 Inch, 0.250 Inch

Material: Plastic

Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG

Maximum Conductor Size (Metric): 1 mm², 2.5 mm², 6 mm²

Maximum Insulation Outer Diameter (Imperial): 0.145 in, 0.17 in, 0.25 in

Maximum Insulation Outer Diameter (Metric): 3.7 mm

Maximum Insulation Outside Diameter: 0.145 in

Maximum Operating Temperature (Celsius): 105 °C

Maximum Operating Temperature (Fahrenheit): 221 °F

Maximum Recommended Voltage Rating: 600 V

Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 22 AWG

Minimum Conductor Size (Metric): .34 mm², 1.5 mm², 4 mm²

Pad Width: 0.187 in, 0.25 in

Product Color: Blue, Red, Yellow

Tab Width: 0.250, 0.187

Terminal Style: Standard

Terminal Type: Disconnect

UL File Number: E70512
Units per Case: 500.0,1000.0
Voltage Application: Low Voltage
eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Diameter (Imperial): 0.23 in, 0.39 in
Overall Length (Imperial): 0.84 in, 0.92 in, 0.94 in, 1.05 in
Overall Length (Metric): 23.3 mm, 23.8 mm, 26.67 mm

3M™ Cold Shrink Portable Cable Splice Kit 2237A Series

3M ID B10513199

Typical properties

Conductor Material: Aluminum, Copper
eClass 14 Classification Group: 27400107

3M™ Ratchet Spring Cutter Tool

3M ID B10163463

3M™ Scotchlok™ Vinyl Insulated Butted Seam Male Disconnects

Details

Vinyl-insulated, butted-seam barrel with a funnel-designed, polyvinyl chloride sleeve offers easy insertion of wires
This male disconnect terminal offers excellent holding force
Allows for quick and easy disconnect of wires
Made of electrolytic copper for good conductivity and has corrosion-resistant tin plating
Withstands a temperature range of -40 to 221 degrees F (-40 to 105 degrees C)
Rated 600V for building wire and 1000V for signs, fixtures or luminaires
UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Barrel Inside Diameter: 0.080 Inch,0.085 Inch,0.065 Inch,0.15 Inch,0.08 Inch,0.150 Inch
Barrel Length (Imperial): 0.25 Inch,0.24 Inch
Barrel Style: Butted
CSA File Number: LR22190
Connection Width (Imperial): 0.187 in, 0.25 in
Connection Width (Metric): 4.75 mm, 6.35 mm
Diameter (D): 0.39 Inch
Disconnect Type: Male
Fastener Orientation: Male
Insulation Color: Blue, Red, Yellow
Insulation Material: Vinyl
Male Tab Width (W'): 0.187 Inch, 0.25 Inch, 0.250 Inch
Material: Plastic
Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG
Maximum Conductor Size (Metric): 1 mm², 2.5 mm², 6 mm²
Maximum Insulation Outer Diameter (Imperial): 0.145 in, 0.17 in, 0.25 in
Maximum Insulation Outer Diameter (Metric): 3.7 mm
Maximum Operating Temperature (Celsius): 105 °C
Maximum Operating Temperature (Fahrenheit): 221 °F
Maximum Recommended Voltage Rating: 600 V
Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 22 AWG
Minimum Conductor Size (Metric): .34 mm², 1.5 mm², 4 mm²
Pad Width: 0.187 in, 0.25 in
Product Color: Blue, Red, Yellow
Solution for: Wireless Network: Infrastructure Accessories
Tab Width: 0.250,0.187,0.375
Terminal Style: Standard
Terminal Type: Disconnect
UL File Number: E70512
Units per Case: 500.0,1000.0
Voltage Application: Low Voltage
eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Diameter (Imperial): 0.39 in

Overall Length (Imperial): 0.85 in, 0.93 in, 1.05 in

Overall Length (Metric): 21.59 mm, 23.6 mm, 26.67 mm

3M™ Scotchlok™ Nylon Fully Insulated with Insulation Grip Female Disconnects

Details

Nylon-insulated, butted-seam barrel with a funnel-designed, seamless brass sleeve offers easy insertion of wires
Dents and rolled edges of this female disconnect terminal offer excellent holding force
Allows for quick and easy disconnect of wires
Made of durable brass for good conductivity and has corrosion-resistant tin plating
Withstands a temperature range of -40 to 221 degrees F (-40 to 105 degrees C)
Rated 600V for building wire and 1000V for signs, fixtures or luminaires
UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Barrel Inside Diameter: 0.080 Inch, 0.085 Inch, 0.08 Inch
Barrel Length (Imperial): 0.25 Inch
Barrel Style: Butted
Bullet Diameter: 0.180, 0.156
CSA File Number: LR22190
Connection Type: Wire
Connection Width (Imperial): 0.187 in, 0.25 in
Connection Width (Metric): 4.75 mm, 6.35 mm
Connector / Connector Tool: Connector
Connector Style: Insulation Displacement
Diameter (D): 0.23 Inch
Dimension E: 0.37 Inch
Disconnect Type: Female
Fastener Orientation: Female
Flame Retardant: No
Grease Filling Against Corrosion: No
Insulation Color: Blue, Red
Insulation Material: Nylon with Insulation Grip
Interrupt Free Shifting: No
Male Tab Width (W'): 0.187 Inch
Material: ETP Copper, Plastic
Mates with Female Width: 0.187 Inch, 0.25 Inch, 0.250 Inch
Mates with Male Tab Width (W'): 0.187 Inch, 0.25 Inch
Maximum Conductor Size (Imperial): 14 AWG, 18 AWG
Maximum Conductor Size (Metric): 1 mm², 2.5 mm²
Maximum Insulation Outer Diameter (Imperial): 0.145 in
Maximum Insulation Outer Diameter (Metric): 3.7 mm
Maximum Insulation Outside Diameter: 0.145 in
Maximum Operating Temperature (Celsius): 105 °C
Maximum Operating Temperature (Fahrenheit): 221 °F
Maximum Recommended Voltage Rating: 600 V
Minimum Conductor Size (Imperial): 16 AWG, 22 AWG
Minimum Conductor Size (Metric): .34 mm², 1.5 mm²

Pad Width: 0.187 in, 0.25 in
Product Color: Blue, Red
Tab Width: 0.250,0.187
Terminal Style: Fully Insulated
Terminal Type: Disconnect
UL File Number: E70512
Units per Case: 500.0,1000.0
eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Diameter (Imperial): 0.23 in
Overall Diameter (Metric): 5.8 mm
Overall Length (Imperial): 0.81 in, 0.87 in
Overall Length (Metric): 20.57 mm, 22.09 mm
Overall Width (Imperial): 0.3 in, 0.37 in
Overall Width (Metric): 9.4 mm

3M™ Scotchlok™ Electrical IDC 560N-BULK, Brown, 18–16 AWG (solid/stranded), 14 AWG (stranded), 500 per carton, 5000/case

3M ID 7000132405 UPC 10054007095139

Details

Brown polypropylene-insulated connector for parallel splicing
Brass element construction for good conductivity and tin plating for corrosion resistance
Accommodates 12 AWG solid/stranded, 10 AWG stranded
UL Listed and RoHS 2011/65/EU Compliant

Typical properties

Brands: Scotchlok™
Case Quantity: 5000
Conductor Sizes (Imperial): 14 AWG (Stranded), 16 AWG, 18 AWG
Conductor Sizes (Metric): 1 mm², 1.5 mm², 2.5 mm² (Stranded)
Connection Type: Double Run or Tap
Connector Style: Insulation Displacement
Flame Retardant: Yes
Grease Filling Against Corrosion: No
Insulation Color: Brown
Insulation Outer Diameter (Imperial): 0.145 in
Interrupt Free Shifting: No
Material: Plastic
Max. Number of Cores: 2
Maximum Conductor Size (Imperial): 14 AWG (Stranded), 16 AWG
Maximum Conductor Size (Metric): 1.5 mm², 2.5 mm² (Stranded)
Maximum Operating Temperature (Celsius): 105 °C
Maximum Operating Temperature (Fahrenheit): 221 °F
Maximum Recommended Voltage Rating: 600 V
Minimum Conductor Size (Imperial): 18 AWG
Minimum Conductor Size (Metric): 1 mm²
Moisture Resistant: No
Product Color: Brown
Product Type: Connector
Recommended Crimping Tool: E-9BM or 9 in. Linemans Pliers
Run Maximum Insulation Outer Diameter (Imperial): 0.145 in
Run Maximum Insulation Outer Diameter (Metric): 3.7 mm
Tap Maximum Insulation Outer Diameter (Imperial): 0.145 in
Tap Maximum Insulation Outer Diameter (Metric): 3.7 mm
Units per Case: 1000.0
Voltage Application: Low Voltage
Wire Connector Type: IDC Connectors
eClass 14 Classification Group: 27400215

3M™ Cold Shrink Silicone Insulators 8440 Series

Typical properties

Application: Insulation, mechanical protection, repair
Brands: 3M™
Cable Shielding: Tape Shield, UniShield®, Wire Shield
Cable Type: Cable with plastic and rubber insulation, Power Cable, Solid Dielectric Cables
Conductor Material: Aluminum, Copper
Conductor Sizes (Imperial): 1 AWG, 1/0 AWG, 2 AWG, 2/0 AWG, 3/0 AWG, 4 AWG, 6 AWG
Conductor Sizes (Metric): 16 mm², 35 mm², 95 mm²
Halogen Free: No
Inner Diameter After Shrink (Imperial): 0.299 in, 0.37 in, 0.488 in
Inner Diameter After Shrink (Metric): 7.6 mm, 9.4 mm, 12.4 mm
Inner Diameter Before Shrink (Imperial): 0.559 in, 0.72 in, 0.949 in
Inner Diameter Before Shrink (Metric): 14.2 mm, 18.3 mm, 24.1 mm
Material: Silicone
Maximum Conductor Size (Imperial): 1000 kcmil, 157 kcmil, 59 kcmil
Maximum Conductor Size (Metric): 30 mm², 50 mm², 95 mm²
Maximum Operating Temperature (Celsius): 260 °C
Maximum Operating Temperature (Fahrenheit): 500 °F
Minimum Conductor Size (Imperial): 118 kcmil, 2 AWG, 27 kcmil
Minimum Conductor Size (Metric): 14 mm², 35 mm², 50 mm²
Minimum Operating Temperature (Celsius): -55 °C
Minimum Operating Temperature (Fahrenheit): -67 °F
Model: Cold-shrink
Number of Conductors: 1
Operating Temperature (Celsius): -55 up to +260°C
Product Color: Gray
Product Type: Cold Shrink, Splice
Relaxed Tube Length: 2 in, 2.5 in, 3.2 in, 6.5 in, 7.5 in, 8 in
Relaxed Tube Length (Metric): 0.051 m, 0.081 m, 0.165 m, 0.19 m, 63.5 mm, 203.2 mm
Shrink Ratio: 2:1
Splice Type: Cold Shrink
UL Approval: No
Units per Case: 12.0
Voltage: 1 kV
Voltage Application: Low Voltage
Wall Thickness after Shrinking: 2.8 mm
With Inner Glue: No
eClass 14 Classification Group: 27400105

Dimensions and Classifications

Overall Diameter (Metric): 14.2 mm, 14.3 mm, 18.3 mm, 24.1 mm

Overall Length (Imperial): 2.5 in, 6.5 in, 8 in

Overall Length (Metric): 51 mm, 63.5 mm, 81 mm, 165 mm, 190 mm, 203.2 mm

3M™ Scotchlok™ Closed End Connectors

Details

Nylon-insulated barrel ensures a secure fit and offers reliable performance
A smooth, flared end provides quick wire insertion
Built-in wire stop for correct positioning

Typical properties

Connection Width (Imperial): 0.25 in
Connection Width (Metric): 6.35 mm
Maximum Conductor Size (Imperial): 10 AWG, 16 AWG
Maximum Conductor Size (Metric): 1.5 mm², 6 mm²
Maximum Operating Temperature (Celsius): 105 °C
Minimum Conductor Size (Imperial): 18 AWG, 22 AWG
Minimum Conductor Size (Metric): .34 mm², 1 mm²
Terminal Type: Closed End Connector
eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Length (Imperial): 0.83 in, 1 in

3M™ Highland™ Vinyl Insulated Butted Seam Block Forks

Details

Vinyl-insulated, butted-seam barrel ensures a secure fit and offers reliable performance

Funnel-designed, polyvinyl chloride sleeve offers easy insertion of wires

Suitable for use in a terminal block

Typical properties

Connection Width (Imperial): 0.138 in, 0.164 in, 0.19 in

Connection Width (Metric): 3.5 mm, 4.166 mm, 4.826 mm

Insulation Material: Vinyl

Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG

Maximum Conductor Size (Metric): .0823 mm², 2.08 mm², 5.26 mm²

Maximum Operating Temperature (Celsius): 105 °C

Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 22 AWG

Minimum Conductor Size (Metric): 0.326 mm², 1.31 mm², 3.31 mm²

Terminal Style: Block

Terminal Type: Fork

eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Length (Imperial): 0.85 in, 1.03 in

Overall Length (Metric): 21.59 mm, 26.16 mm

Overall Width (Imperial): 0.25 in, 0.3 in, 0.32 in

Overall Width (Metric): 6.35 mm, 7.62 mm, 8.128 mm

3M™ Highland™ Nylon Fully Insulated Male Disconnects

Details

Non-insulated, butted-seam barrel offers allows for insertion of wires
This male disconnect terminal offers excellent holding force
Allows for quick and easy disconnect of wires

Typical properties

Barrel Inside Diameter: 0.065 Inch,0.15 Inch
Barrel Length (Imperial): 0.25 Inch
Barrel Length (Metric): 6.35 mm
Barrel Style: Butted
CSA File Number: LR22190
Connection Width (Imperial): 0.187 in, 0.25 in
Connection Width (Metric): 4.75 mm, 6.35 mm
Diameter (D): 0.39 Inch,0.3 Inch
Disconnect Type: Male
Fastener Orientation: Male
Insulation Material: Nylon
Material: Plastic
Mates with Female Width: 0.25 Inch
Mates with Male Tab Width (W'): 0.25 Inch
Max. Number of Cores: 422 , 424
Maximum Conductor Size (Imperial): 10 AWG, 18 AWG
Maximum Conductor Size (Metric): 1 mm², 6 mm²
Maximum Insulation Outer Diameter (Imperial): 0.145 in, 0.25 in
Maximum Insulation Outer Diameter (Metric): 3.7 mm
Maximum Insulation Outside Diameter: 0.145 in
Maximum Recommended Voltage Rating: 600 V
Maximum Voltage Rating: 600 to 1000 V
Minimum Conductor Size (Imperial): 12 AWG, 22 AWG
Minimum Conductor Size (Metric): .34 mm², 4 mm²
Pad Width: 0.187 in, 0.25 in
Solution for: Wireless Network: Infrastructure Accessories
Tab Width: 0.250,0.187
Terminal Style: Fully Insulated
Terminal Type: Disconnect
UL File Number: E70512
Units per Case: 10.0
Units per bag: 25
eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Diameter (Imperial): 0.3 in, 0.39 in
Overall Diameter (Metric): 7.62 mm, 9.9 mm
Overall Length (Imperial): 0.95 in, 1.05 in
Overall Length (Metric): 24.13 mm, 26.67 mm
Overall Width (Imperial): 0.44 in, 0.47 in

3M™ Industrial Loadbreak Elbows 5810 Series

Details

Ideal for connecting underground cable to transformers, switchgear and junctions that come with loadbreak bushings
Cold shrink tube seals from the bottom of the elbow to the cable jacket
Specially designed for use on tape shield, wire shield, UniShield® and jacketed concentric neutral types of cables
High-quality, peroxide-cured EPDM provides better insulation
Meets ANSI/IEEE Standard 386

Typical properties

Brands: 3M™
Cable Type: Compact/Solid, Stranded
Cable Voltage Rating: 15 kV, 5 kV, 8 kV
Component Type: Elbow
Conductor Sizes (Imperial): 1 AWG, 1/0 AWG, 2 AWG, 2/0 AWG, 250 kcmil, 3/0 AWG, 4/0 AWG
Current Rating: 200.0 A
Includes Compression Connector: Yes
Insulation Diameter Range: 0.495-0.585 in, 0.575-0.685 in, 0.630-0.820 in, 0.700-0.910 in, 0.850-1.100 in
Insulation Diameter Range (Metric): 12.6-14.9 mm, 14.6-17.4 mm, 16.0-20.8 mm, 17.8-23.1 mm, 21.6-27.9 mm
Insulation Level: 100%, 133%
Insulation Outside Diameter Range: 0.495 to 0.585 in, 0.575 to 0.685 in, 0.63 to 0.82 in, 0.7 to 0.91 in, 0.85 to 1.1 in
Maximum Insulation Outer Diameter (Imperial): 0.585 in, 0.685 in, 0.82 in, 0.91 in, 1.1 in
Maximum Insulation Outer Diameter (Metric): 15 mm, 17 mm, 21 mm, 23 mm, 28 mm
Maximum Operating Voltage: 15 kV, 5 kV, 8 kV
Product Series: 5810
Product Type: Accessory
Separable Connector Type: Load Break Elbows
Units per Case: 1.0
eClass 14 Classification Group: 27440308

3M™ Scotchlok™ Block Flanged Fork, Non-Insulated Brazed Seam M10-10FFBK, 12-10 AWG, 500/Case

3M ID 7100164121 UPC 00054007020288

Details

Non-insulated, brazed-seam barrel ensures a secure fit and offers reliable performance

Beveled mouth offers easy insertion of wires

Suitable for use in a terminal block

Stud size #10

Electrolytic copper construction offers good conductivity

Withstands a maximum temperature of 347 degrees F (175 degrees C) for bare terminals

600V-rated for building wire and 1000V for signs, fixtures or luminaires

UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Barrel Inside Diameter: 0.135 Inch

Barrel Length (Imperial): 0.25 Inch

Barrel Style: Brazed

Brands: Scotchlok™

CSA File Number: LR22190

Clearance (C): 0.29 Inch

Dimension E: 0.54 Inch

Fork Type: Flanged Block

Insulation Material: Non-insulated

Maximum Conductor Size (Imperial): 10 AWG

Maximum Conductor Size (Metric): 5.26 mm²

Minimum Conductor Size (Imperial): 12 AWG

Minimum Conductor Size (Metric): 3.31 mm²

Stud Size: #10

Terminal Style: Flanged Block

Terminal Type: Fork

UL File Number: E23438

Units per Case: 500.0

eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Length (Imperial): 0.73 in

Overall Width (Imperial): 0.32 in

3M™ Scotchlok™ Butted Seam High-Temperature Block Forks

Details

Non-insulated, butted-seam barrel ensures a secure fit and offers reliable performance
Beveled mouth offers easy insertion of wires
Suitable for use in a terminal block

Typical properties

Barrel Inside Diameter: 0.09 Inch
Barrel Length (Imperial): 0.25 Inch
Barrel Style: Butted
CSA File Number: LR22190
Clearance (C): 0.25 Inch
Dimension E: 0.5 Inch
Fork Type: Block
Insulation Material: Non-insulated, None
Material: Copper
Maximum Conductor Size (Imperial): 14 AWG, 18 AWG
Maximum Conductor Size (Metric): 1 mm², 2.08 mm²
Minimum Conductor Size (Imperial): 16 AWG, 22 AWG
Minimum Conductor Size (Metric): 0.326 mm², 1.31 mm²
Minimum Stud Diameter (Imperial): 0.138 in
Minimum Stud Diameter (Metric): 3.5 mm
Solution for: Wireless Network: Infrastructure Accessories
Stud Size: #6
Terminal Style: Block
Terminal Type: Fork, High Temperature
Units per Case: 1000.0
eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Length (Imperial): 0.65 in
Overall Width (Imperial): 0.3 in

3M™ Scotchlok™ Vinyl Insulated Butted Seam Butt Connectors

Details

Vinyl-insulated, butted-seam barrel ensures a secure fit and offers reliable performance

Funnel-designed, polyvinyl chloride sleeve offers easy insertion of wires

Built-in wire stop for correct positioning

Made of electrolytic copper for good conductivity and has tin plating for corrosion resistance

Withstands a temperature range of -40 to 221 degrees F (-40 to 105 degrees C)

UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Barrel Inside Diameter: 0.090 Inch

Barrel Length (Imperial): 0.25 Inch

Barrel Style: Butted

Body Material: Copper Alloy

CSA File Number: LR22190

Conductor Sizes (Imperial): 16 - 14 AWG

Connection Type: Butt

Connector Type: Butt

Disconnect Type: Female

Insulation Color: Blue

Insulation Material: Vinyl

Material: ETP Copper

Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG

Maximum Conductor Size (Metric): 1 mm², 2.5 mm², 6 mm²

Maximum Insulation Outer Diameter (Imperial): 0.17 in

Maximum Insulation Outer Diameter (Metric): 3.7 mm

Maximum Insulation Outside Diameter: 0.145 in

Maximum Operating Temperature (Celsius): 105 °C

Maximum Operating Temperature (Fahrenheit): 221 °F

Maximum Recommended Voltage Rating: 600 V

Minimum Conductor Diameter (Metric): 1.209 mm

Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 22 AWG

Minimum Conductor Size (Metric): .34 mm², 1.5 mm², 4 mm²

Operating Temperature Range (Celsius): -40 °C to 105 °C

Product Color: Blue, Red

Product Type: Connector

Solution for: Wireless Network: Infrastructure Accessories

Terminal Style: Standard

Terminal Type: Butt Connectors

UL File Number: E23438

Units per Case: 500.0

eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Length (Imperial): 1 in, 1.02 in

3M™ Scotchlok™ Non-Insulated Butted Seam Locking Forks

Typical properties

Barrel Inside Diameter: 0.09 Inch,0.07 Inch,0.135 Inch
Barrel Length (Imperial): 0.25 Inch
Barrel Style: Butted
CSA File Number: LR22190
Clearance (C): 0.25 Inch,0.28 Inch,0.44 Inch,0.4 Inch
Dimension E: 0.69 Inch,0.53 Inch,0.5 Inch,0.65 Inch
Fork Type: Locking
Insulation Material: Non-insulated
Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG
Maximum Conductor Size (Metric): .0823 mm², 2.08 mm², 5.26 mm²
Maximum Lock Width: 0.34 Inch,0.35 Inch,0.27 Inch,0.48 Inch,0.36 Inch
Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 22 AWG
Minimum Conductor Size (Metric): 0.326 mm², 1.31 mm², 3.31 mm²
Solution for: Wireless Network: Infrastructure Accessories
Stud Diameter (Imperial): 0.112 in, 0.138 in, 0.164 in, 0.19 in, 0.25 in
Stud Diameter (Metric): 2.845 mm, 3.505 mm, 4.166 mm, 4.826 mm, 6.35 mm
Stud Size: #4,#10,#6,1/4 Inch,#8
Terminal Style: Locking
Terminal Type: Fork
UL File Number: E23438, E70512
Units per Case: 500.0,1000.0
eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Length (Imperial): 0.68 in, 0.73 in, 0.9 in, 0.94 in
Overall Width (Imperial): 0.25 in, 0.3 in, 0.32 in, 0.43 in

3M™ ScotchCode™ Wire Marker Write-On Dispenser SLW

3M ID B00021402

3M™ Scotchlok™ IDC Connector 560 & 560B

Details

Blue, polypropylene-insulated connector is suitable for tap or parallel splicing
Helps provide a moisture-resistant seal
Accommodates 22 to 14 AWG solid/stranded
UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Brands: Scotchlok™
CSA File Number: LR15503
Case Quantity: 1000
Conductor Sizes (Imperial): 14 AWG (Stranded), 16 AWG, 18 AWG
Conductor Sizes (Metric): 1 mm², 1.5 mm², 2.5 mm² (Stranded)
Connection Type: Double Run or Tap
Connector / Connector Tool: 3M Crimping Tool E-9BM and/or 9" Lineman's Pliers
Connector Style: Insulation Displacement
Flame Retardant: Yes
Grease Filling Against Corrosion: No
Insulation Color: Blue
Insulation Material: Polypropylene
Insulation Outer Diameter (Imperial): 0.145 in
Interrupt Free Shifting: No
Material: Insulator: FR Polypropylene, U-contact: Tin-plated Brass, Plastic
Max. Number of Cores: 2
Maximum Conductor Size (Imperial): 14 AWG (Stranded), 16 AWG
Maximum Conductor Size (Metric): 1.5 mm², 2.5 mm² (Stranded)
Maximum Operating Temperature (Celsius): 105 °C
Maximum Operating Temperature (Fahrenheit): 221 °F
Maximum Recommended Voltage Rating: 600 V
Minimum Conductor Size (Imperial): 18 AWG
Minimum Conductor Size (Metric): 1 mm²
Moisture Resistant: No
Package Quantity: 1000
Product Color: Blue, Light Blue
Product Type: Connector
Recommended Crimping Tool: E-9BM or 9 in. Linemans Pliers
Run Maximum Insulation Outer Diameter (Imperial): 0.145 in
Run Maximum Insulation Outer Diameter (Metric): 3.7 mm
Tap Maximum Insulation Outer Diameter (Imperial): 0.145 in
Tap Maximum Insulation Outer Diameter (Metric): 3.7 mm
UL File Number: E23438
Units per Case: 1000.0
Voltage Application: Low Voltage
Wire Connector Type: IDC Connectors
eClass 14 Classification Group: 27400215

3M™ Cold Shrink QS-III Splice Kits

Typical properties

Application: Cable Connection
Cable Shielding: Longitudinally Corrugated (LC), Tape Shield, UniShield®, Wire Shield
Case Quantity: 1
Conductor Material: Aluminum, Copper
Conductor Sizes (Imperial): 2/0 AWG, 500 kcmil
Conductor Sizes (Metric): 240 mm², 70 mm²
Connector Included: 10006, 10014
Insulation O.D. Range: 1.07 - 1.70 Inch
Insulation O.D. Range (Metric): 27.2 - 43.2 mm
Insulation Outside Diameter Range: 1.07 - 1.70 Inch
Insulation Outside Diameter Range (Metric): 27.2 - 43.2 mm
Maximum Conductor Size (Imperial): 500 kcmil
Maximum Conductor Size (Metric): 240 mm²
Number of Conductors: 1
Product Series: 5524A, 5525A & 5526A Series, 5535A & 5536A Series
Splice Type: Inline
Voltage: 25/28 kV, 35 kV
eClass 14 Classification Group: 27400107

3M™ Scotchlok™ 534 Electrical IDC, 100 per pouch

3M ID 7100179355 UPC 10054007505119

Details

intended for use with common thermoplastic insulated wire such as: T, TF, TFF, TFN, TFFN, AWM, TEW, SAE GPT with a maximum insulation diameter of 3,5 mm

Suitable for control circuit wiring, fixture wiring, appliance wiring, signal and PA systems and automotive/boat/RV wiring

Accommodates 22 to 16 AWG solid/stranded

UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Backing Material: 15 Mil Cardstock

Brands: Scotchlok™

Conductor Sizes (Imperial): 16 AWG, 22 AWG

Conductor Sizes (Metric): .34 mm², 1.5 mm²

Connection Type: Double Run or Tap

Connector Style: Insulation Piercing

Grease Filling Against Corrosion: No

Insulation Color: Brown

Insulation Material: Polypropylene

Interrupt Free Shifting: No

Material: Insulator: FR Polypropylene, U-contact: Tin-plated Brass

Max. Number of Cores: 2

Maximum Conductor Size (Imperial): 16 AWG

Maximum Conductor Size (Metric): 1.5 mm²

Maximum Operating Temperature (Celsius): 90 °C

Maximum Operating Temperature (Fahrenheit): 194 °F

Minimum Conductor Size (Imperial): 22 AWG

Minimum Conductor Size (Metric): .34 mm²

Minimum Operating Temperature (Celsius): -40 °C

Minimum Operating Temperature (Fahrenheit): -40 °F

Moisture Resistant: No

Package Quantity: 100

Product Color: Brown

Product Type: Connector

Voltage Application: Low Voltage

eClass 14 Classification Group: 27400215

3M™ Highland™ Vinyl Insulated Butted Seam Male Disconnects

Details

Vinyl-insulated, butted-seam barrel with a funnel-designed, polyvinyl chloride sleeve allows for easy insertion of wires
This male disconnect terminal offers excellent holding force
Allows for quick and easy disconnect of wires

Typical properties

Barrel Inside Diameter: 0.085 Inch, 0.065 Inch, 0.15 Inch, 0.08 Inch
Barrel Length (Imperial): 0.25 Inch, 0.24 Inch
Barrel Length (Metric): 6.35 mm
Barrel Style: Butted
CSA File Number: LR22190
Connection Width (Imperial): 0.187 in, 0.25 in
Connection Width (Metric): 4.75 mm, 6.35 mm
Disconnect Type: Male
Fastener Orientation: Male
Insulation Material: Vinyl
Material: Plastic
Mates with Female Width: 0.187 Inch, 0.25 Inch
Mates with Male Tab Width (W'): 0.187 Inch, 0.25 Inch
Max. Number of Cores: 425
Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG
Maximum Conductor Size (Metric): 1 mm², 2.5 mm², 6 mm²
Maximum Insulation Outer Diameter (Imperial): 0.145 in, 0.17 in, 0.25 in
Maximum Insulation Outer Diameter (Metric): 3.7 mm
Maximum Insulation Outside Diameter: 0.145 in
Maximum Recommended Voltage Rating: 600 V
Maximum Voltage Rating: 600 to 1000 V
Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 22 AWG
Minimum Conductor Size (Metric): .34 mm², 1.5 mm², 4 mm²
Pad Width: 0.187 in, 0.25 in
Product Color: Blue
Solution for: Wireless Network: Infrastructure Accessories
Tab Width: 0.250, 0.110, 0.187
Terminal Style: Standard
Terminal Type: Disconnect
UL File Number: E70512
Units per Case: 10.0
Units per bag: 25
eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Length (Imperial): 0.85 in, 0.93 in, 1.05 in
Overall Length (Metric): 23.622 mm
Overall Width (Imperial): 0.25 in
Overall Width (Metric): 6.35 mm

3M™ Cold Shrink QT-III Termination Kit 7620-T & 7690-T Series for 5-35 kV

Details

Provides a void-free seal to tape shield, wire shield and UniShield® power cables
High dielectric-constant material regulates the distribution of electric field stress
Suitable for indoor applications
Non-tracking, molded, silicone rubber insulation offers durability
Includes 3 non-skirted, 1-piece, 3-phase, cold shrink terminations

Typical properties

Application: Cable Termination

BIL: 110 kV, 150 kV, 95 kV

Brands: 3M™

Breakout Boot: No

Cable Insulation Outside Diameter Range: 0.32-0.59 in, 0.44-0.89 in, 0.64-1.08 in, 0.72-1.29 in, 0.83-1.53 in, 1.05-1.80 in, 1.15-1.90 in, 1.15-1.98 in, 1.53-2.32 in, 0.69-1.22 in

Cable Insulation Outside Diameter Range (Metric): 11.2-22.6 mm, 16.3 - 27.4 mm, 18.3-32.8 mm, 21.1 - 38.9 mm, 26.7 - 45.7 mm, 29,2-50,3 mm, 29,9-48,3 mm, 38.9 - 58.9 mm, 8.1-15.0 mm, 17,5-31,0 mm

Cable Shielding: Tape Over Wire, Tape Shield, UniShield®, Wire Shield, Wire-Over-Tape Shield

Case Quantity: 1

Compatible Lug: QL2-A-4/0-600,QL2-A-500-1000,QL2-A-2-250,QL2-A-350-750,QL2-A-1/0-350,QL2-A-1000-1250

Conductor Sizes (Imperial): 1 AWG, 1/0 AWG, 1000 kcmil, 1250 kcmil, 1500 kcmil, 1750 kcmil, 2 AWG, 2/0 AWG, 2000 kcmil, 250 kcmil, 3/0 AWG, 300 kcmil, 350 kcmil, 4 AWG, 4/0 AWG, 400 kcmil, 450 kcmil, 500 kcmil, 6 AWG, 600 kcmil, 700 kcmil, 750 kcmil, 8 AWG, 800 kcmil, 900 kcmil

Indoor/Outdoor: Indoor, Indoor Non-skirted

Insulation Level: 100%, 133%

Insulation O.D. Range: 0.72 - 1.29 in

Insulation O.D. Range (Metric): 18.3-32.8 mm

Insulation Outer Diameter (Imperial): 0.32 in, 0.33 in, 0.34 in, 0.35 in, 0.36 in, 0.37 in, 0.38 in, 0.39 in, 0.4 in, 0.41 in, 0.42 in, 0.43 in, 0.44 in, 0.45 in, 0.46 in, 0.47 in, 0.48 in, 0.49 in, 0.5 in, 0.51 in, 0.52 in, 0.53 in, 0.54 in, 0.55 in, 0.56 in, 0.57 in, 0.58 in, 0.59 in, 0.6 in, 0.61 in, 0.62 in, 0.63 in, 0.64 in, 0.65 in, 0.66 in, 0.67 in, 0.68 in, 0.69 in, 0.7 in, 0.71 in, 0.72 in, 0.73 in, 0.74 in, 0.75 in, 0.76 in, 0.77 in, 0.78 in, 0.79 in, 0.8 in, 0.81 in, 0.82 in, 0.83 in, 0.84 in, 0.85 in, 0.86 in, 0.87 in, 0.88 in, 0.89 in, 0.9 in, 0.91 in, 0.92 in, 0.93 in, 0.94 in, 0.95 in, 0.96 in, 0.97 in, 0.98 in, 0.99 in, 1 in, 1.01 in, 1.02 in, 1.03 in, 1.04 in, 1.05 in, 1.06 in, 1.07 in, 1.08 in, 1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in, 1.16 in, 1.17 in, 1.18 in, 1.19 in, 1.2 in, 1.21 in, 1.22 in, 1.23 in, 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in, 1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in, 1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in, 1.49 in, 1.5 in, 1.51 in, 1.52 in, 1.53 in, 1.54 in, 1.55 in, 1.56 in, 1.57 in, 1.58 in, 1.59 in, 1.6 in, 1.61 in, 1.62 in, 1.63 in, 1.64 in, 1.65 in, 1.66 in, 1.67 in, 1.68 in, 1.69 in, 1.7 in, 1.71 in, 1.72 in, 1.73 in, 1.74 in, 1.75 in, 1.76 in,

1.77 in, 1.78 in, 1.79 in, 1.8 in, 1.81 in, 1.82 in, 1.83 in, 1.84 in, 1.85 in, 1.86 in, 1.87 in, 1.88 in, 1.89 in, 1.9 in, 1.91 in, 1.92 in, 1.93 in, 1.94 in, 1.95 in, 1.96 in, 1.97 in, 1.98 in, 1.99 in, 2 in, 2.01 in, 2.02 in, 2.03 in, 2.04 in, 2.05 in, 2.06 in, 2.07 in, 2.08 in, 2.09 in, 2.1 in, 2.11 in, 2.12 in, 2.13 in, 2.14 in, 2.15 in, 2.16 in, 2.17 in, 2.18 in, 2.19 in, 2.2 in, 2.21 in, 2.22 in, 2.23 in, 2.24 in, 2.25 in, 2.26 in, 2.27 in, 2.28 in, 2.29 in, 2.3 in, 2.31 in, 2.32 in

Insulation Outer Diameter (Metric): 8.128 mm, 8.382 mm, 8.636 mm, 8.89 mm, 9.144 mm, 9.398 mm, 9.652 mm, 9.906 mm, 10.16 mm, 10.414 mm, 10.668 mm, 10.922 mm, 11.176 mm, 11.43 mm, 11.684 mm, 11.938 mm, 12.192 mm, 12.446 mm, 12.7 mm, 12.954 mm, 13.208 mm, 13.462 mm, 13.716 mm, 13.97 mm, 14.224 mm, 14.478 mm, 14.732 mm, 14.986 mm, 15.24 mm, 15.494 mm, 15.748 mm, 16.002 mm, 16.256 mm, 16.51 mm, 16.764 mm, 17.018 mm, 17.272 mm, 17.526 mm, 17.78 mm, 18.034 mm, 18.288 mm, 18.542 mm, 18.796 mm, 19.05 mm, 19.304 mm, 19.558 mm, 19.812 mm, 20.066 mm, 20.32 mm, 20.574 mm, 20.828 mm, 21.082 mm, 21.336 mm, 21.59 mm, 21.844 mm, 22.098 mm, 22.352 mm, 22.606 mm, 22.86 mm, 23.114 mm, 23.368 mm, 23.622 mm, 23.876 mm, 24.13 mm, 24.384 mm, 24.638 mm, 24.892 mm, 25.146 mm, 25.4 mm, 25.654 mm, 25.908 mm, 26.162 mm, 26.416 mm, 26.67 mm, 26.924 mm, 27.178 mm, 27.432 mm, 27.686 mm, 27.94 mm, 28.194 mm, 28.448 mm, 28.702 mm, 28.956 mm, 29.21 mm, 29.464 mm, 29.718 mm, 29.972 mm, 30.226 mm, 30.48 mm, 30.734 mm, 30.988 mm, 31.242 mm, 31.496 mm, 31.75 mm, 32.004 mm, 32.258 mm, 32.512 mm, 32.766 mm, 33.02 mm, 33.274 mm, 33.528 mm, 33.782 mm, 34.036 mm, 34.29 mm, 34.544 mm, 34.798 mm, 35.052 mm, 35.306 mm, 35.56 mm, 35.814 mm, 36.068 mm, 36.322 mm, 36.576 mm, 36.83 mm, 37.084 mm, 37.338 mm, 37.592 mm, 37.846 mm, 38.1 mm, 38.354 mm, 38.608 mm, 38.862 mm, 39.116 mm, 39.37 mm, 39.624 mm, 39.878 mm, 40.132 mm, 40.386 mm, 40.64 mm, 40.894 mm, 41.148 mm, 41.402 mm, 41.656 mm, 41.91 mm, 42.164 mm, 42.418 mm, 42.672 mm, 42.926 mm, 43.18 mm, 43.434 mm, 43.688 mm, 43.942 mm, 44.196 mm, 44.45 mm, 44.704 mm, 44.958 mm, 45.212 mm, 45.466 mm, 45.72 mm, 45.974 mm, 46.228 mm, 46.482 mm, 46.736 mm, 46.99 mm, 47.244 mm, 47.498 mm, 47.752 mm, 48.006 mm, 48.26 mm, 48.514 mm, 48.768 mm, 49.022 mm, 49.276 mm, 49.53 mm, 49.784 mm, 50.038 mm, 50.292 mm, 50.546 mm, 50.8 mm, 51.054 mm, 51.308 mm, 51.562 mm, 51.816 mm, 52.07 mm, 52.324 mm, 52.578 mm, 52.832 mm, 53.086 mm, 53.34 mm, 53.594 mm, 53.848 mm, 54.102 mm, 54.356 mm, 54.61 mm, 54.864 mm, 55.118 mm, 55.372 mm, 55.626 mm, 55.88 mm, 56.134 mm, 56.388 mm, 56.642 mm, 56.896 mm, 57.15 mm, 57.404 mm, 57.658 mm, 57.912 mm, 58.166 mm, 58.42 mm, 58.674 mm, 58.928 mm

Insulation Rejacketing: No

Lug/Stem Connector Included in Kit: No

Material: Silicone Rubber

Maximum Installed Length: 12.00 in, 16.00 in, 8.50 in

Number of Conductors: 1

Number of Skirts: 0

Product Color: Gray

Product Series: 7620-T, 7690-T, 7690-T-150

Units per Case: 3.0

Voltage: 15 kV, 25 kV, 25/28 kV, 35 kV, 5 kV, 8 kV, 8.7 kV

Voltage Application: Medium Voltage

eClass 14 Classification Group: 27400102

3M™ Scotchlok™ Copper Connectors 10000 Series

Details

Standard barrel ensures reliable performance

Built-in solid center oil stop

Made of aluminum for good conductivity and has corrosion-resistant tin plating

Typical properties

Barrel Style: Long Barrel

Body Material: Copper

Case Quantity: 3,10

Color Code: Black, Brown, Orange, Purple, Red, White, Yellow

Connector Base Metal: Copper

Connector O.D. Range: 0.90 - 1.30 Inch

Connector O.D. Range (Metric): 22.9-33.0 mm

Connector Type: Compression Connectors

Electrical Connector Type: Compression Connectors

For Use With: Copper Conductor Only

Indoor/Outdoor: Both

Inside Diameter (Imperial): 0.44 in, 0.49 in, 0.55 in, 0.6 in, 0.65 in, 0.7 in, 0.84 in, 1.03 in, 1.17 in

Inside Diameter (Metric): 29.8 mm, 11.2 mm, 16.5 mm, 26.2 mm, 21.3 mm, 15.1 mm, 13.9 mm, 12.4 mm, 17.8 mm

Maximum Conductor Size (Imperial): 1000 kcmil (Stranded), 2/0 AWG (Stranded), 250 kcmil (Stranded), 3/0 AWG (Stranded), 300 kcmil (Stranded), 350 kcmil (Stranded), 4/0 AWG (Stranded), 500 kcmil (Stranded), 750 kcmil (Stranded)

Maximum Conductor Size (Metric): 120 mm² (Stranded), 150 mm² (Stranded), 185 mm² (Stranded), 240 mm² (Stranded), 400 mm² (Stranded), 500 mm² (Stranded), 70 mm² (Stranded), 95 mm² (Stranded)

Maximum Connector Length: 5.2 inch (Al), 5.5 inch (Cu)

Maximum Connector Length (Metric): 132 mm (Al), 140 mm (Cu)

Maximum Operating Voltage: 35 Kilovolt

Minimum Conductor Size (Imperial): 1000 kcmil, 2/0 AWG, 250 kcmil, 3/0 AWG, 300 kcmil, 350 kcmil, 4/0 AWG, 500 kcmil, 750 kcmil

Minimum Conductor Size (Metric): 120 mm², 150 mm², 185 mm², 240 mm², 400 mm², 500 mm², 70 mm², 95 mm²

Outer Diameter (Imperial): 0.56 in, 0.62 in, 0.69 in, 0.75 in, 0.81 in, 0.88 in, 1.06 in, 1.3 in, 1.5 in

Poly/EPR Cable Insulation O.D. Range (Metric): 22.0 - 34.6 mm

Product Color: Black, Brown, Orange, Purple, Red, White, Yellow

Product Series: 11000

eClass 14 Classification Group: 27400212

Dimensions and Classifications

Overall Length (Imperial): 3.13 in, 3.38 in, 4.13 in, 4.63 in, 5.88 in, 6.13 in

Overall Length (Metric): 79.4 mm, 85.8 mm, 104.8 mm, 117.5 mm, 149.3 mm, 155.6 mm

3M™ Scotchlok™ Nylon Fully Insulated Butted Seam Male Disconnects

Details

Nylon-insulated, butted-seam barrel offers easy insertion of wires
This male disconnect terminal offers excellent holding force
Allows for quick and easy disconnect of wires
Made of electrolytic copper for good conductivity and has corrosion-resistant tin plating
Withstands a temperature range of -40 to 221 degrees F (-40 to 105 degrees C)
Rated 600V for building wire and 1000V for signs, fixtures or luminaires
UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Barrel Inside Diameter: 0.080 Inch,0.085 Inch,0.065 Inch,0.15 Inch,0.08 Inch,0.150 Inch
Barrel Length (Imperial): 0.25 Inch,0.24 Inch
Barrel Style: Butted
CSA File Number: LR22190
Connection Width (Imperial): 0.187 in, 0.25 in
Connection Width (Metric): 4.75 mm, 6.35 mm
Diameter (D): 0.39 Inch,0.3 Inch,0.30 Inch
Disconnect Type: Male
Fastener Orientation: Male
Grease Filling Against Corrosion: No
Insulation Color: Blue, Red, Yellow
Insulation Material: Nylon
Interrupt Free Shifting: No
Male Tab Width (W'): 0.187 Inch, 0.25 Inch, 0.250 Inch
Material: ETP Copper, Plastic
Max. Number of Cores: 1
Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG
Maximum Conductor Size (Metric): 1 mm², 2.5 mm², 6 mm²
Maximum Insulation Outer Diameter (Imperial): 0.145 in, 0.17 in, 0.25 in
Maximum Insulation Outer Diameter (Metric): 3.7 mm
Maximum Operating Temperature (Celsius): 105 °C
Maximum Operating Temperature (Fahrenheit): 221 °F
Maximum Recommended Voltage Rating: 600 V
Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 22 AWG
Minimum Conductor Size (Metric): .34 mm², 1.5 mm², 4 mm²
Operating Temperature Range (Celsius): -40 °C to 105 °C
Pad Width: 0.187 in, 0.25 in
Product Color: Blue, Red, Yellow
Tab Width: 0.250,0.187,0.110
Terminal Style: Fully Insulated
Terminal Type: Disconnect
UL File Number: E70512
Units per Case: 500.0,1000.0
Voltage Application: Low Voltage

eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Diameter (Imperial): 0.3 in, 0.39 in

Overall Diameter (Metric): 9.9 mm

Overall Length (Imperial): 0.87 in, 0.95 in, 1.05 in

Overall Length (Metric): 22 mm, 22.098 mm, 24.13 mm, 26.67 mm

Overall Width (Imperial): 0.37 in, 0.44 in, 0.47 in

Overall Width (Metric): 9.39 mm, 9.398 mm, 11.17 mm, 11.93 mm

3M™ Cold Shrink Splice QS2000B

3M ID B10493431

Typical properties

eClass 14 Classification Group: 27400107

3M™ Scotchlok™ Nylon Insulated Seamless Butt Connectors

Typical properties

Body Material: Copper Alloy

Connector Type: Butt

Insulation Material: Nylon

Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG

Maximum Conductor Size (Metric): 1 mm², 2.5 mm², 6 mm²

Maximum Operating Temperature (Celsius): 105 °C

Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 22 AWG

Minimum Conductor Size (Metric): .34 mm², 1.5 mm², 4 mm²

Product Color: Red, Yellow

eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Length (Imperial): 1.02 in, 1.2 in

Overall Length (Metric): 25.9 mm, 30.48 mm

3M™ Cold Shrink QT-III Termination Kit 7640-S, 7650-S & 7660-S Series

Details

Provides a void-free seal to jacketed concentric neutral and concentric neutral power cables
High dielectric-constant material regulates the distribution of electric field stress
Suitable for outdoor applications
Silicone rubber insulation offers durability and reduces leakage currents in damp conditions

Typical properties

Application: Cable Termination

BIL: 110 kV, 150 kV, 200 kV

Brands: 3M™

Breakout Boot: No

Cable Insulation Outside Diameter Range: 0.64-1.08 in, 0.72-1.29 in, 0.83-1.53 in, 1.05-1.80 in, 1.15-1.98 in, 1.53-2.32 in, 0.69-1.22 in

Cable Insulation Outside Diameter Range (Metric): 16.3 - 27.4 mm, 18.3-32.8 mm, 21.1 - 38.9 mm, 26.7 - 45.7 mm, 29,2-50,3 mm, 38.9 - 58.9 mm, 17,5-31,0 mm

Cable Shielding: Concentric Neutral (CN), Jacketed Concentric Neutral (JCN), Longitudinally Corrugated (LC), Tape Shield

Cable Type: Compact/Solid, Concentric Neutral (CN), Jacketed Concentric Neutral (JCN), Power Cable, Stranded

Case Quantity: 1

Compatible Lug: QL2-A-4/0-600,QL2-A-500-1000,QL2-A-2-250,QL2-A-350-750,QL2-A-1/0-350,QL2-A-1000-1250

Conductor Sizes (Imperial): 1 AWG, 1/0 AWG, 1000 kcmil, 1250 kcmil, 1500 kcmil, 1750 kcmil, 2 AWG, 2/0 AWG, 2000 kcmil, 250 kcmil, 3/0 AWG, 300 kcmil, 350 kcmil, 4/0 AWG, 400 kcmil, 500 kcmil, 600 kcmil, 700 kcmil, 750 kcmil, 800 kcmil, 900 kcmil

Connector O.D. Range: 0.90 - 1.30 Inch

Connector O.D. Range (Metric): 22.9-33.0 mm

Indoor/Outdoor: Indoor Non-skirted, Indoor Skirted, Outdoor, Outdoor Skirted

Insulation Level: 100%, 133%

Insulation Material: Silicone Rubber

Insulation Outer Diameter (Imperial): 0.64 in, 0.65 in, 0.66 in, 0.67 in, 0.68 in, 0.69 in, 0.7 in, 0.71 in, 0.72 in, 0.73 in, 0.74 in, 0.75 in, 0.76 in, 0.77 in, 0.78 in, 0.79 in, 0.8 in, 0.81 in, 0.82 in, 0.83 in, 0.84 in, 0.85 in, 0.86 in, 0.87 in, 0.88 in, 0.89 in, 0.9 in, 0.91 in, 0.92 in, 0.93 in, 0.94 in, 0.95 in, 0.96 in, 0.97 in, 0.98 in, 0.99 in, 1 in, 1.01 in, 1.02 in, 1.03 in, 1.04 in, 1.05 in, 1.06 in, 1.07 in, 1.08 in, 1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in, 1.16 in, 1.17 in, 1.18 in, 1.19 in, 1.2 in, 1.21 in, 1.22 in, 1.23 in, 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in, 1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in, 1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in, 1.49 in, 1.5 in, 1.51 in, 1.52 in, 1.53 in, 1.54 in, 1.55 in, 1.56 in, 1.57 in, 1.58 in, 1.59 in, 1.6 in, 1.61 in, 1.62 in, 1.63 in, 1.64 in, 1.65 in, 1.66 in, 1.67 in, 1.68 in, 1.69 in, 1.7 in, 1.71 in, 1.72 in, 1.73 in, 1.74 in, 1.75 in, 1.76 in, 1.77 in, 1.78 in,

1.79 in, 1.8 in, 1.81 in, 1.82 in, 1.83 in, 1.84 in, 1.85 in, 1.86 in, 1.87 in, 1.88 in, 1.89 in, 1.9 in, 1.91 in, 1.92 in, 1.93 in, 1.94 in, 1.95 in, 1.96 in, 1.97 in, 1.98 in, 1.99 in, 2 in, 2.01 in, 2.02 in, 2.03 in, 2.04 in, 2.05 in, 2.06 in, 2.07 in, 2.08 in, 2.09 in, 2.1 in, 2.11 in, 2.12 in, 2.13 in, 2.14 in, 2.15 in, 2.16 in, 2.17 in, 2.18 in, 2.19 in, 2.2 in, 2.21 in, 2.22 in, 2.23 in, 2.24 in, 2.25 in, 2.26 in, 2.27 in, 2.28 in, 2.29 in, 2.3 in, 2.31 in, 2.32 in

Insulation Outer Diameter (Metric): 16.256 mm, 16.51 mm, 16.764 mm, 17.018 mm, 17.272 mm, 17.526 mm, 17.78 mm, 18.034 mm, 18.288 mm, 18.542 mm, 18.796 mm, 19.05 mm, 19.304 mm, 19.558 mm, 19.812 mm, 20.066 mm, 20.32 mm, 20.574 mm, 20.828 mm, 21.082 mm, 21.336 mm, 21.59 mm, 21.844 mm, 22.098 mm, 22.352 mm, 22.606 mm, 22.86 mm, 23.114 mm, 23.368 mm, 23.622 mm, 23.876 mm, 24.13 mm, 24.384 mm, 24.638 mm, 24.892 mm, 25.146 mm, 25.4 mm, 25.654 mm, 25.908 mm, 26.162 mm, 26.416 mm, 26.67 mm, 26.924 mm, 27.178 mm, 27.432 mm, 27.686 mm, 27.94 mm, 28.194 mm, 28.448 mm, 28.702 mm, 28.956 mm, 29.21 mm, 29.464 mm, 29.718 mm, 29.972 mm, 30.226 mm, 30.48 mm, 30.734 mm, 30.988 mm, 31.242 mm, 31.496 mm, 31.75 mm, 32.004 mm, 32.258 mm, 32.512 mm, 32.766 mm, 33.02 mm, 33.274 mm, 33.528 mm, 33.782 mm, 34.036 mm, 34.29 mm, 34.544 mm, 34.798 mm, 35.052 mm, 35.306 mm, 35.56 mm, 35.814 mm, 36.068 mm, 36.322 mm, 36.576 mm, 36.83 mm, 37.084 mm, 37.338 mm, 37.592 mm, 37.846 mm, 38.1 mm, 38.354 mm, 38.608 mm, 38.862 mm, 39.116 mm, 39.37 mm, 39.624 mm, 39.878 mm, 40.132 mm, 40.386 mm, 40.64 mm, 40.894 mm, 41.148 mm, 41.402 mm, 41.656 mm, 41.91 mm, 42.164 mm, 42.418 mm, 42.672 mm, 42.926 mm, 43.18 mm, 43.434 mm, 43.688 mm, 43.942 mm, 44.196 mm, 44.45 mm, 44.704 mm, 44.958 mm, 45.212 mm, 45.466 mm, 45.72 mm, 45.974 mm, 46.228 mm, 46.482 mm, 46.736 mm, 46.99 mm, 47.244 mm, 47.498 mm, 47.752 mm, 48.006 mm, 48.26 mm, 48.514 mm, 48.768 mm, 49.022 mm, 49.276 mm, 49.53 mm, 49.784 mm, 50.038 mm, 50.292 mm, 50.546 mm, 50.8 mm, 51.054 mm, 51.308 mm, 51.562 mm, 51.816 mm, 52.07 mm, 52.324 mm, 52.578 mm, 52.832 mm, 53.086 mm, 53.34 mm, 53.594 mm, 53.848 mm, 54.102 mm, 54.356 mm, 54.61 mm, 54.864 mm, 55.118 mm, 55.372 mm, 55.626 mm, 55.88 mm, 56.134 mm, 56.388 mm, 56.642 mm, 56.896 mm, 57.15 mm, 57.404 mm, 57.658 mm, 57.912 mm, 58.166 mm, 58.42 mm, 58.674 mm, 58.928 mm

Insulation Rejacketing: No, Yes

Lug/Stem Connector Included in Kit: No

Material: Silicone Rubber

Maximum Connector Length: 5.2 inch (Al), 5.5 inch (Cu)

Maximum Connector Length (Metric): 132 mm (Al), 140 mm (Cu)

Maximum Installed Length: 12.25 in, 13.25 in, 20.50 in, 21.50 in, 9.80 in

Maximum Installed Length (Metric): 24.89 cm, 31.11 cm, 52.07 cm

Number of Conductors: 1 , 3

Number of Skirts: 1 , 2 , 3 , 4 , 8

PILC Cable Insulation O.D. Range: 0.74 - 1.17 Inch

PILC Cable Insulation O.D. Range (Metric): 18.8 - 29.7 mm

Poly/EPR Cable Insulation O.D. Range: 0.88 - 1.36 Inch

Poly/EPR Cable Insulation O.D. Range (Metric): 22.0 - 34.6 mm

Product Color: Black, Gray

Product Series: 7640-S, 7650-S, 7660-S

Product Type: PILC Splice, Termination Kit

Splice Type: Cold Shrink, Inline PILC Transition

Termination Type: Single Termination

Units per Case: 1.0

Voltage: 15 kV, 25 kV, 25/28 kV, 25/5 kV, 28 kV, 35 kV, 5 kV, 5/8 kV, 8 kV
Voltage Application: Medium Voltage
eClass 14 Classification Group: 27400102

3M™ Deadbreak Adapter

Details

Meets IEEE Standard 386

Molded EPDM cable adapter provides stress relief for terminated cable

Interchangeability per IEEE standard 386

Typical properties

Brands: 3M™

Maximum Operating Voltage: 35 kV

eClass 14 Classification Group: 27440308

3M™ Cold Shrink Splice Transition Kits

Details

Compatible to use with cold shrink QS-III splicing Series 5700A-MT
Rated up to 5/8 kV

Typical properties

Cable Type: N/A

Case Quantity: 1

Compatible With: 5775A-MT, 5776A-MT & 5777A-MT, 5786A-MT, 5787A-MT & 5788A-MT, 5797A-MT & 5798A-MT

Conductor Sizes (Imperial): 2/0 AWG, 350 kcmil

Conductor Sizes (Metric): 185 mm², 70 mm²

Insulation Outer Diameter (Imperial): 0.62 in, 0.63 in, 0.64 in, 0.65 in, 0.66 in, 0.67 in, 0.68 in, 0.69 in, 0.7 in, 0.71 in, 0.72 in, 0.73 in, 0.74 in, 0.75 in, 0.76 in, 0.77 in, 0.78 in, 0.79 in, 0.8 in, 0.81 in, 0.82 in, 0.83 in, 0.84 in, 0.85 in, 0.86 in, 0.87 in, 0.88 in, 0.89 in, 0.9 in, 0.91 in, 0.92 in, 0.93 in, 0.94 in, 0.95 in, 0.96 in, 0.97 in, 0.98 in, 0.99 in, 1 in, 1.01 in, 1.02 in, 1.03 in, 1.04 in, 1.05 in, 1.06 in, 1.07 in, 1.08 in, 1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in, 1.16 in, 1.17 in, 1.18 in, 1.19 in, 1.2 in, 1.21 in, 1.22 in, 1.23 in, 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in, 1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in, 1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in, 1.49 in, 1.5 in, 1.51 in, 1.52 in, 1.53 in, 1.54 in, 1.55 in, 1.56 in, 1.57 in, 1.58 in, 1.59 in, 1.6 in, 1.61 in, 1.62 in, 1.63 in, 1.64 in, 1.65 in, 1.66 in, 1.67 in, 1.68 in, 1.69 in, 1.7 in, 1.71 in, 1.72 in, 1.73 in, 1.74 in, 1.75 in, 1.76 in, 1.77 in, 1.78 in, 1.79 in, 1.8 in

Insulation Outer Diameter (Metric): 15.748 mm, 16.002 mm, 16.256 mm, 16.51 mm, 16.764 mm, 17.018 mm, 17.272 mm, 17.526 mm, 17.78 mm, 18.034 mm, 18.288 mm, 18.542 mm, 18.796 mm, 19.05 mm, 19.304 mm, 19.558 mm, 19.812 mm, 20.066 mm, 20.32 mm, 20.574 mm, 20.828 mm, 21.082 mm, 21.336 mm, 21.59 mm, 21.844 mm, 22.098 mm, 22.352 mm, 22.606 mm, 22.86 mm, 23.114 mm, 23.368 mm, 23.622 mm, 23.876 mm, 24.13 mm, 24.384 mm, 24.638 mm, 24.892 mm, 25.146 mm, 25.4 mm, 25.654 mm, 25.908 mm, 26.162 mm, 26.416 mm, 26.67 mm, 26.924 mm, 27.178 mm, 27.432 mm, 27.686 mm, 27.94 mm, 28.194 mm, 28.448 mm, 28.702 mm, 28.956 mm, 29.21 mm, 29.464 mm, 29.718 mm, 29.972 mm, 30.226 mm, 30.48 mm, 30.734 mm, 30.988 mm, 31.242 mm, 31.496 mm, 31.75 mm, 32.004 mm, 32.258 mm, 32.512 mm, 32.766 mm, 33.02 mm, 33.274 mm, 33.528 mm, 33.782 mm, 34.036 mm, 34.29 mm, 34.544 mm, 34.798 mm, 35.052 mm, 35.306 mm, 35.56 mm, 35.814 mm, 36.068 mm, 36.322 mm, 36.576 mm, 36.83 mm, 37.084 mm, 37.338 mm, 37.592 mm, 37.846 mm, 38.1 mm, 38.354 mm, 38.608 mm, 38.862 mm, 39.116 mm, 39.37 mm, 39.624 mm, 39.878 mm, 40.132 mm, 40.386 mm, 40.64 mm, 40.894 mm, 41.148 mm, 41.402 mm, 41.656 mm, 41.91 mm, 42.164 mm, 42.418 mm, 42.672 mm, 42.926 mm, 43.18 mm, 43.434 mm, 43.688 mm, 43.942 mm, 44.196 mm, 44.45 mm, 44.704 mm, 44.958 mm, 45.212 mm, 45.466 mm, 45.72 mm

Product Series: 5700A-MT Series

Single Conductor Jacket O.D. Range: 0.62 - 1.13 in, 1.13 - 1.80 in

Single Conductor Jacket O.D. Range (Metric): 15.7 - 28.7 mm, 28.7 - 45.7 mm

Voltage: 15 kV, 25/28 kV, 35 kV, 5 kV, 8 kV

3M™ Scotchlok™ Nylon Insulated with Insulation Grip Interlock Barrel Female Disconnects

Details

Non-insulated, butted-seam barrel ensures a secure fit and offers reliable performance

Beveled mouth offers easy insertion of wires

For use in ovens, motors, light fixtures and other applications

Made of durable steel for high-temperature applications and has nickel plating for corrosion resistance

Withstands a maximum temperature of 900 degrees F (482 degrees C)

Typical properties

Barrel Inside Diameter: 0.076 Inch, 0.128 Inch

Barrel Length (Imperial): 0.25 Inch

Barrel Style: Insulation Grip with Interlocking Barrel, Interlocking Barrel

CSA File Number: LR22190

Connection Type: Wire

Connection Width (Imperial): 0.25 in

Connection Width (Metric): 6.35 mm

Connector / Connector Tool: Connector

Connector Style: Insulation Displacement

Diameter (D): 0.23 Inch

Disconnect Type: Female

Fastener Orientation: Female

Flame Retardant: No

Grease Filling Against Corrosion: No

Insulation Color: Yellow

Insulation Material: Nylon with Insulation Grip

Interrupt Free Shifting: No

Material: ETP Copper

Mates with Female Width: 0.25 Inch, 0.250 Inch

Mates with Male Tab Width (W'): 0.25 Inch, 0.250 Inch

Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG

Maximum Conductor Size (Metric): 1 mm², 2.5 mm², 6 mm²

Maximum Insulation Outer Diameter (Imperial): 0.145 in, 0.25 in

Maximum Insulation Outer Diameter (Metric): 3.7 mm

Maximum Insulation Outside Diameter: 0.145 in

Maximum Operating Temperature (Celsius): 105 °C

Maximum Operating Temperature (Fahrenheit): 221 °F

Maximum Recommended Voltage Rating: 600 V

Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 22 AWG

Minimum Conductor Size (Metric): .34 mm², 1.5 mm², 4 mm²

Pad Width: 0.25 in

Product Color: Yellow

Tab Width: 0.250

Terminal Style: Standard

Terminal Type: Disconnect

UL File Number: E70512

Units per Case: 500.0,1000.0
eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Diameter (Imperial): 0.23 in
Overall Length (Imperial): 0.83 in, 0.94 in
Overall Length (Metric): 23.87 mm
Overall Width (Imperial): 0.37 in

3M™ Scotchlok™ IDC Connector 972-A

Details

Color-coded for quick and easy identification of the wire size
Brass element construction for good conductivity and tin plating for corrosion resistance
Withstands temperatures of 221 °F (105 °C)
Made of insulated and self-stripping polypropylene

Typical properties

Brands: Scotchlok™
Conductor Sizes (Imperial): 14 AWG, 18 AWG
Conductor Sizes (Metric): 1 mm², 2.5 mm²
Connection Type: Wire
Connector / Connector Tool: Connector
Connector Style: Insulation Displacement
Diameter (D): 0.23 Inch
Fastener Orientation: Female
Flame Retardant: No
Grease Filling Against Corrosion: No
Insulation Color: Blue
Insulation Material: Polypropylene
Interrupt Free Shifting: No
Material: Plastic
Max. Number of Cores: 1
Maximum Conductor Size (Imperial): 14 AWG
Maximum Conductor Size (Metric): 2.5 mm²
Maximum Operating Temperature (Celsius): 105 °C
Maximum Operating Temperature (Fahrenheit): 221 °F
Maximum Recommended Voltage Rating: 600 V
Minimum Conductor Size (Imperial): 18 AWG
Moisture Resistant: No
Package Quantity: 25 , 1000
Pad Width: 0.25 in
Product Type: Connector
Run Maximum Insulation Outer Diameter (Imperial): 0.145 in
Run Maximum Insulation Outer Diameter (Metric): 3.7 mm
Tap Maximum Insulation Outer Diameter (Imperial): 0.145 in
Tap Maximum Insulation Outer Diameter (Metric): 3.7 mm
Terminal Type: Fuse
Wire Connector Type: IDC Connectors
eClass 14 Classification Group: 27400215

Dimensions and Classifications

Overall Diameter (Imperial): 0.23 in
Overall Width (Imperial): 0.37 in

3M™ Scotchlok™ Vinyl Insulated Brazed Seam Standard Forks

Details

Vinyl-insulated, brazed-seam barrel ensures a secure fit and offers reliable performance
Funnel-designed, polyvinyl chloride sleeve offers easy insertion of wires
Wider-tongue design for use on free-standing studs
Electrolytic copper construction offers good conductivity
Withstands a temperature range of -40 to 221 degrees F (-40 to 105 degrees C)
600V-rated for building wire and 1000V for signs, fixtures or luminaires
UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Barrel Inside Diameter: 0.070 Inch,0.07 Inch,0.09 Inch,0.135 Inch,0.090 Inch
Barrel Length (Imperial): 0.25 Inch
Barrel Style: Brazed
CSA File Number: LR22190
Clearance (C): 0.29 Inch
Dimension E: 0.84 Inch,0.74 Inch
Fork Type: Standard Fork,Standard
Insulation Material: Vinyl
Material: ETP Copper
Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG
Maximum Conductor Size (Metric): .0823 mm², 2.08 mm², 5.26 mm²
Maximum Insulation Outer Diameter (Imperial): 0.145 in, 0.17 in, 0.25 in
Maximum Insulation Outer Diameter (Metric): 3.7 mm
Maximum Insulation Outside Diameter: 0.145 in
Maximum Operating Temperature (Celsius): 105 °C
Maximum Operating Temperature (Fahrenheit): 221 °F
Maximum Recommended Voltage Rating: 32 V, 600 V
Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 18 AWG, 22 AWG
Minimum Conductor Size (Metric): 0.326 mm², 0.823 mm², 1.31 mm², 3.31 mm²
Operating Temperature Range (Celsius): -40 °C to 105 °C
Product Color: Blue, Yellow
Solution for: Wireless Network: Infrastructure Accessories
Stud Size: #10,#6,#8
Terminal Style: Standard
Terminal Type: Fork
UL File Number: E23438, E70512
Units per Case: 500.0,1000.0
eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Length (Imperial): 0.9 in, 1.03 in
Overall Length (Metric): 22.86 mm, 26.16 mm
Overall Width (Imperial): 0.34 in, 0.38 in
Overall Width (Metric): 8.6 mm, 9.6 mm

3M™ Scotchlok™ Butted Seam High-Temperature Male Disconnects

Details

Non-insulated, butted-seam barrel with a beveled mouth offers easy insertion of wires

This high-temperature male disconnect terminal offers excellent holding force

Allows for quick and easy disconnect of wires

Made of durable steel for high-temperature applications and has corrosion-resistant nickel plating

Rated 600V for building wire and 1000V for signs, fixtures or luminaires

UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Barrel Inside Diameter: 0.09 Inch, 0.090 Inch

Barrel Length (Imperial): 0.25 Inch

Barrel Style: Butted

Connection Width (Imperial): 0.25 in

Connection Width (Metric): 6.35 mm

Disconnect Type: Male

Fastener Orientation: Male

Fork Type: Standard Fork

Insulated: No

Insulation Material: Non-insulated

Male Tab Width (W'): 0.25 Inch, 0.250 Inch

Maximum Conductor Size (Imperial): 14 AWG

Maximum Conductor Size (Metric): 2.5 mm²

Minimum Conductor Size (Imperial): 16 AWG

Minimum Conductor Size (Metric): 1.5 mm²

Pad Width: 0.25 in

Solution for: Wireless Network: Infrastructure Accessories

Terminal Style: High Temp

Terminal Type: Disconnect

Units per Case: 500.0, 1000.0

eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Length (Imperial): 0.73 in

3M™ Scotchcast™ Inline Splice Kits 72-N Series

Details

Rigid body splice for joining signal and control cables

Fits unshielded construction of plastic or rubber-jacketed cables

Designed for inline splicing of underground systems, joining of cable reel ends, direct burial applications and repair of cable failures

Rated for 1 kV applications

The polypropylene mold has a built-in spacer web that automatically offers cable centering and compound coverage

RoHS 2011/65/EU Compliant

Typical properties

Brands: Scotchcast™

Cable Shielding: Non-shielded, Shielded

Cable Type: Non-Shielded Signal/Control Cable, Shielded Signal/Control Cable

Conductor Sizes (Imperial): 10 AWG, 12 AWG, 14 AWG, 16 AWG, 18 AWG, 20 AWG, 22 AWG

Insulation O.D. Range: 0.25 - 0.625 Inch, 0.50 - 1.00 Inch, 0.625 - 1.50 Inch, 1.00 - 2.00 Inch, 1.25 - 2.25 Inch, 1.25 - 3.25 Inch

Insulation Outside Diameter Range: 0.25 - 0.625 Inch, 0.50 - 1.00 Inch, 0.625 - 1.50 Inch, 1.00 - 2.00 Inch, 1.25 - 2.25 Inch, 1.25 - 3.25 Inch

Insulation Outside Diameter Range (Metric): 12.7-25.4 mm, 15.9-38.1 mm, 25.4-50.8 mm, 31.8-57.2 mm, 31.8-82.6 mm, 6.4-15.9 mm

Maximum Conductor Size (Imperial): 10 AWG

Maximum Conductor Size (Metric): 6 mm²

Maximum Insulation Outer Diameter (Imperial): 0.25 in, 1 in, 1.5 in, 2.25 in, 3.25 in

Maximum Insulation Outer Diameter (Metric): 6.4 mm, 25.4 mm, 38.1 mm, 57.2 mm, 82.6 mm

Minimum Conductor Size (Imperial): 22 AWG

Minimum Conductor Size (Metric): .34 mm²

Minimum Insulation Outer Diameter (Imperial): 0.25 in, 0.5 in, 0.625 in, 1.25 in

Minimum Insulation Outer Diameter (Metric): 6.4 mm, 12.7 mm, 15.9 mm, 31.8 mm

Molded Body Length: 7.125 in, 10.438 in, 15.438 in, 15.625 in, 20.312 in, 25 in

Molded Body Length (Metric): 392.1 mm, 396.9 mm, 181.0 mm, 635.0 mm, 268.3 mm, 515.9 mm

Product Type: Resin Splice

Splice Type: Resin

Voltage: 1 kV

eClass 14 Classification Group: 27400107

3M™ Scotchcast™ Cold Shrink Inline Splice Kits 5750 Series

Details

Flame-retardant resin 2131 is used as an insulating material for cable splices
Perfect for use with non-shielded, solid dielectric cables and indoor/outdoor applications

1 kV-rated for multiple and 5 kV-rated for single-cable applications

MSHA Approved and RoHS 2011/65/EU Compliant

Includes Scotch® electrical grounding braid 25, constant force springs, Scotch Super 33+™ vinyl electrical tape, Scotch electrical shielding tape 24 and more
MSHA Approved and RoHS 2011/65/EU Compliant

Typical properties

Cable Shielding: Non-shielded

Conductor Material: Aluminum, Copper

Conductor Sizes (Imperial): 1 AWG, 300 kcmil, 500 kcmil

Conductor Sizes (Metric): 150 mm², 240 mm², 50 mm²

Insulation Level: 100%, 133%

Insulation Outer Diameter (Imperial): 0.5 in, 0.51 in, 0.52 in, 0.53 in, 0.54 in, 0.55 in, 0.56 in, 0.57 in, 0.58 in, 0.59 in, 0.6 in, 0.61 in, 0.62 in, 0.63 in, 0.64 in, 0.65 in, 0.66 in, 0.67 in, 0.68 in, 0.69 in, 0.7 in, 0.71 in, 0.72 in, 0.73 in, 0.74 in, 0.75 in, 0.76 in, 0.77 in, 0.78 in, 0.79 in, 0.8 in, 0.81 in, 0.82 in, 0.83 in, 0.84 in, 0.85 in, 0.86 in, 0.87 in, 0.88 in, 0.89 in, 0.9 in, 0.91 in, 0.92 in, 0.93 in, 0.94 in, 0.95 in, 0.96 in, 0.97 in, 0.98 in, 0.99 in, 1 in, 1.01 in, 1.02 in, 1.03 in, 1.04 in, 1.05 in, 1.06 in, 1.07 in, 1.08 in, 1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in, 1.16 in, 1.17 in, 1.18 in, 1.19 in, 1.2 in, 1.21 in, 1.22 in, 1.23 in, 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in, 1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in, 1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in, 1.49 in, 1.5 in, 1.51 in, 1.52 in, 1.53 in, 1.54 in, 1.55 in, 1.56 in, 1.57 in, 1.58 in, 1.59 in, 1.6 in, 1.61 in, 1.62 in, 1.63 in, 1.64 in, 1.65 in, 1.66 in, 1.67 in, 1.68 in, 1.69 in, 1.7 in, 1.71 in, 1.72 in, 1.73 in, 1.74 in, 1.75 in, 1.76 in, 1.77 in, 1.78 in, 1.79 in, 1.8 in

Insulation Outer Diameter (Metric): 12.7 mm, 12.954 mm, 13.208 mm, 13.462 mm, 13.716 mm, 13.97 mm, 14.224 mm, 14.478 mm, 14.732 mm, 14.986 mm, 15.24 mm, 15.494 mm, 15.748 mm, 16.002 mm, 16.256 mm, 16.51 mm, 16.764 mm, 17.018 mm, 17.272 mm, 17.526 mm, 17.78 mm, 18.034 mm, 18.288 mm, 18.542 mm, 18.796 mm, 19.05 mm, 19.304 mm, 19.558 mm, 19.812 mm, 20.066 mm, 20.32 mm, 20.574 mm, 20.828 mm, 21.082 mm, 21.336 mm, 21.59 mm, 21.844 mm, 22.098 mm, 22.352 mm, 22.606 mm, 22.86 mm, 23.114 mm, 23.368 mm, 23.622 mm, 23.876 mm, 24.13 mm, 24.384 mm, 24.638 mm, 24.892 mm, 25.146 mm, 25.4 mm, 25.654 mm, 25.908 mm, 26.162 mm, 26.416 mm, 26.67 mm, 26.924 mm, 27.178 mm, 27.432 mm, 27.686 mm, 27.94 mm, 28.194 mm, 28.448 mm, 28.702 mm, 28.956 mm, 29.21 mm, 29.464 mm, 29.718 mm, 29.972 mm, 30.226 mm, 30.48 mm, 30.734 mm, 30.988 mm, 31.242 mm, 31.496 mm, 31.75 mm, 32.004 mm, 32.258 mm, 32.512 mm, 32.766 mm, 33.02 mm, 33.274 mm, 33.528 mm, 33.782 mm, 34.036 mm, 34.29 mm, 34.544 mm, 34.798 mm, 35.052 mm, 35.306 mm, 35.56 mm, 35.814 mm, 36.068 mm, 36.322 mm, 36.576 mm, 36.83 mm, 37.084 mm, 37.338 mm, 37.592 mm, 37.846 mm, 38.1 mm, 38.354 mm, 38.608 mm, 38.862 mm, 39.116 mm, 39.37 mm, 39.624 mm, 39.878 mm

mm, 40.132 mm, 40.386 mm, 40.64 mm, 40.894 mm, 41.148 mm, 41.402 mm, 41.656 mm, 41.91 mm, 42.164 mm, 42.418 mm, 42.672 mm, 42.926 mm, 43.18 mm, 43.434 mm, 43.688 mm, 43.942 mm, 44.196 mm, 44.45 mm, 44.704 mm, 44.958 mm, 45.212 mm, 45.466 mm, 45.72 mm

Number of Conductors: 3

Splice Type: Resin

Voltage: 5 kV

eClass 14 Classification Group: 27400107

3M™ Mining Cable Splice Kit 3100 Series

Details

Specially designed to splice flexible power cables
MSHA Approved and RoHS 2011/65/EU Compliant

Typical properties

Adhesive Material: Mastic

Application: Electrical Maintenance, For Splicing Flexible Power Cable Rated from 600V to 15 kV, for In-Line Splicing, for Power Feeder Circuits, for Repair and Splicing of Mine Conduit, for Use with Standard In-Line Crimp or Parallel (Crow's Foot) Connectors

Application/Industry: Irrigation, Mining, Solar

Cable Type: Multiple

Conductor Sizes (Imperial): 6 to 1 AWG (14 to 38 mm²) Can Accommodate Up to 500 kcmil with Additional Tape

Dielectric Strength (V/mil): 379 V/mil

Kit Includes: Instruction Booklet

Lug/Stem Connector Included in Kit: No

Material: Mastic

Maximum Conductor Size (Imperial): 16 AWG, 6 AWG

Maximum Conductor Size (Metric): 1.5 mm², 16 mm²

Maximum Operating Temperature (Celsius): 90 °C

Maximum Operating Temperature (Fahrenheit): 194 °F

Maximum Operating Voltage: 15 kV, 2 kV

Minimum Conductor Size (Imperial): 16 AWG, 6 AWG

Minimum Conductor Size (Metric): 14 mm²

Minimum Operating Voltage: 2 kV, 5 kV, 110 V, 600 V

Product Type: Mining Tapes

Recovered Wall Thickness: 0.114 in

Round Size (Diameter): 8 kV

Splice Type: Inline

Tape Type: Mining

Units per Case: 10.0,40.0

Voltage: 110 V - 15 kV, 2 kV, 5 kV - 15 kV, 600 V - 2 kV

eClass 14 Classification Group: 20420490

3M™ Electrostatic Animal Guards

Details

Good outage protection from animals
Does not interrupt power service
Works with insulators/bushings rated up to 35 kV
Rugged plastic construction with metal spokes radiating outward
Causes no injury to animals
RoHS 2011/65/EU Compliant

Typical properties

Brands: 3M™
Cable Accessory Products: Outage Protection Products
Insulated Neck Diameter Range: 0.75 - 2.5 in, 1.5 - 2.5 in, 2.5 - 4.5 in, 4.5 - 6.5 in
Insulated Neck Diameter Range (Metric): 114.7 - 165.7 mm, 19.1 - 63.7 mm, 38.2 - 63.7 mm, 63.7 - 114.7 mm
Material: Plastic
Maximum Cable Diameter (Imperial): 2.5 in, 4.5 in, 6.5 in
Maximum Cable Diameter (Metric): 63.7 mm, 114.7 mm, 165.7 mm
Minimum Cable Diameter (Imperial): 0.75 in, 1.5 in, 2.5 in, 4.5 in
Minimum Cable Diameter (Metric): 19.1 mm, 38.2 mm, 63.7 mm, 114.7 mm
Units per Case: 100.0
Voltage Rating: 18/30 kV

3M™ Heat Shrinkable Splice Jacket Kit HSJ

Details

Designed for use with JCN cable splices
Rated for 15 to 35 kV applications
RoHS 2011/65/EU Compliant

Typical properties

Brands: 3M™
Inner Diameter After Shrink (Imperial): 0.85 in, 1 in, 1.5 in
Inner Diameter After Shrink (Metric): 22 mm, 25.4 mm, 38.1 mm
Inner Diameter Before Shrink (Imperial): 2.5 in, 3 in, 4.3 in
Inner Diameter Before Shrink (Metric): 64 mm, 76.2 mm, 109.2 mm
eClass 14 Classification Group: 27400105

3M™ Modular Splicing Kits

Details

Splices tape shield, wire shield, UniShield® and JCN cables
Suitable for use with a splicing kit, tap splicing kit, equipment kit and dead-end kit
ANSI Certified and IEEE Approved

Typical properties

Cable Shielding: Jacketed Concentric Neutral (JCN), Tape Shield, UniShield®, Wire Shield

Cable Voltage Rating: 15 kV, 25 kV

Conductor Sizes (Imperial): 1 AWG, 1/0 AWG, 1000 kcmil, 2 AWG, 250 kcmil, 3/0 AWG, 4/0 AWG

Current Rating: 600.0 A

Insulation Diameter Range: 0.640-0.760 in, 0.785-0.970 in, 0.910-1.065 in, 0.980-1.140 in, 1.080-1.280 in, 1.220-1.420 in, 1.640-1.840 in

Insulation Diameter Range (Metric): 16.3-19.3 mm, 19.9-24.6 mm, 24.9-29.0 mm, 27.4-32.5 mm, 31.0-36.1 mm, 41.7-46.7 mm

Insulation Level: 100%, 133%

Maximum Insulation Outer Diameter (Imperial): 0.76 in, 0.97 in, 1.14 in, 1.28 in, 1.42 in, 1.965 in

Maximum Insulation Outer Diameter (Metric): 19 mm, 25 mm, 29 mm, 33 mm, 36 mm, 50 mm

Maximum Operating Voltage: 15 kV, 25 kV

Metallic Shield Diameter Range: 1.28-1.62 in

Operating Temperature (Celsius): 90

Operating Temperature (Fahrenheit): 194

Product Color: Black

Product Series: 5815

Product Type: Splice

Separable Connector Type: Dead Break Elbows

Splice Type: Modular

Units per Case: 1.0

eClass 14 Classification Group: 27440308

3M™ Scotchlok™ Vinyl Insulated Brazed Seam Multi-Stud Ring Tongues

Details

Vinyl-insulated, brazed-seam barrel ensures a secure fit and offers reliable performance

Funnel-designed, polyvinyl chloride sleeve offers easy insertion of wires

Multi-stud style ring tongue fits around multiple stud sizes

Made of electrolytic copper for good conductivity and has tin plating for corrosion resistance

600V-rated for building wire and 1000V for signs, fixtures or luminaires

UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Insulation Material: Vinyl

Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG

Maximum Conductor Size (Metric): 0.823 mm², 2.08 mm², 5.26 mm²

Maximum Operating Temperature (Celsius): 105 °C

Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 22 AWG

Minimum Conductor Size (Metric): 0.326 mm², 1.31 mm², 3.31 mm²

Product Color: Blue, Yellow

Terminal Type: Ring

Dimensions and Classifications

Overall Length (Imperial): 1.01 in, 1.19 in

Overall Length (Metric): 25.65 mm

Overall Width (Imperial): 0.34 in, 0.39 in

Overall Width (Metric): 8.63 mm

3M™ Scotchlok™ Nylon Insulated with Insulation Grip Bullet-Style Male Disconnects

Details

Non-insulated, brazed-seam barrel ensures a secure fit and offers reliable performance

Beveled mouth offers easy insertion of wires

Suitable for use in a terminal block

Electrolytic copper construction offers good conductivity

Withstands a maximum temperature of 347 degrees F (175 degrees C) for bare terminals

600V-rated for building wire and 1000V for signs, fixtures or luminaires

UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Barrel Inside Diameter: 0.07 Inch

Barrel Length (Imperial): 0.19 Inch

Barrel Style: Insulation Grip

CSA File Number: LR22190

Connection Width (Imperial): 0.156 in, 0.18 in

Connection Width (Metric): 3.962 mm, 4.572 mm

Diameter (D): 0.39 Inch

Disconnect Type: Male

Fastener Orientation: Male

Insulation Color: Blue

Insulation Material: Nylon

Material: Plastic

Mating Snap Diameter (S): 0.18 Inch, 0.156 Inch

Maximum Conductor Size (Imperial): 14 AWG, 18 AWG

Maximum Conductor Size (Metric): 1 mm², 2.5 mm²

Maximum Insulation Outer Diameter (Imperial): 0.15 in, 0.19 in

Maximum Insulation Outer Diameter (Metric): 3.7 mm

Maximum Operating Temperature (Celsius): 105 °C

Maximum Operating Temperature (Fahrenheit): 221 °F

Maximum Recommended Voltage Rating: 600 V

Minimum Conductor Size (Imperial): 16 AWG, 22 AWG

Minimum Conductor Size (Metric): .34 mm², 1.5 mm²

Pad Width: 0.156 in, 0.18 in

Product Color: Blue

Tab Width: 0.250

Terminal Style: Bullet Snap Plug

Terminal Type: Disconnect

UL File Number: E70512

Units per Case: 500.0, 1000.0

Voltage Application: Low Voltage

eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Diameter (Imperial): 0.39 in
Overall Length (Imperial): 0.87 in
Overall Length (Metric): 22 mm

3M™ Scotchcast™ Spacer Tape P-3, 1-1/2 in X 27 ft (38,1 mm x 8,23 m), 50 rolls/case

3M ID 7100017387 UPC 00054007257356

Details

Engineered to build up voids in odd shaped splices
Assures full resin coverage and forms a liquid tight mold
RoHS 2011/65/EC Compliant

Typical properties

Brands: Scotchcast™
Product Type: Accessory
eClass 14 Classification Group: 27400107

3M™ Scotchcast™ Flexible Splice 82-BF1 (2131), 10 Kits/Case

3M ID 7100011582 UPC 00051128591758

Details

The self-curing resin forms a splice or repair that resists abrasion
Designed to splice or re-jacket non-shielded portable power cable and portable cord
Suitable for use with compression C-tap connectors
Rated for up to 1 kV applications
MSHA Approved and RoHS 2011/65/EU Compliant

Typical properties

Brands: Scotchcast™
Cable Accessory Products: Electrical Resins
Cable Type: multi core, non shielded, rubber insulated reeling cables
Conductor Amount: Multiple, Single
Conductor Sizes (Imperial): 1/0 AWG
Dielectric Strength (V/mil): 343 V/mil
Flame Retardant: Resin only
Gel Time: 17 min 73 °F (23 °C)
Hardness: 82 Shore A
Indoor/Outdoor: Both
Insulation Outside Diameter Range: 0.25 - 0.80 Inch
Insulation Outside Diameter Range (Metric): 6.0 - 20.0 mm
Maximum Conductor Size (Imperial): 1/0 AWG
Maximum Conductor Size (Metric): 50 mm²
Maximum Insulation Outer Diameter (Imperial): 0.8 in
Maximum Insulation Outer Diameter (Metric): 20 mm
Maximum Operating Voltage: 5 Kilovolt
Minimum Conductor Size (Imperial): 6 AWG
Minimum Conductor Size (Metric): 16 mm²
Minimum Insulation Outer Diameter (Imperial): 0.25 in
Minimum Insulation Outer Diameter (Metric): 6.4 mm
Mining Sector Approval: Yes
Model: Cast Resin
Product Color: Black
Product Series: 82-B Series
Product Type: Resin Splice
Resin Type: SC 2131
Shelf Life: 36 Month
Splice Type: Parallel Branch
Voltage: 5 kV
Voltage Rating: 0.6/1 kV
With Screw Connectors: No
eClass 14 Classification Group: 27400107

3M™ QS Molded Rubber Splice 5408, CN and JCN Cable, 15 kV, 1/case

3M ID 7100165664 UPC 00054007256106

Details

Inline splice to use on jacketed concentric neutral (JCN) or concentric neutral (CN) cables

Rated for 15 kV cables

Meets the requirements of IEEE 404 standards for cable joints

Typical properties

Brands: 3M™

Cable Shielding: Concentric Neutral (CN), Jacketed Concentric Neutral (JCN)

Case Quantity: 1

Conductor Material: Aluminum, Copper

Connector Included: None

Insulation O.D. Range: 1.320 - 1.520 Inch

Insulation Outer Diameter (Imperial): 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in, 1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in, 1.49 in, 1.5 in, 1.51 in, 1.52 in

Insulation Outer Diameter (Metric): 33.528 mm, 33.782 mm, 34.036 mm, 34.29 mm, 34.544 mm, 34.798 mm, 35.052 mm, 35.306 mm, 35.56 mm, 35.814 mm, 36.068 mm, 36.322 mm, 36.576 mm, 36.83 mm, 37.084 mm, 37.338 mm, 37.592 mm, 37.846 mm, 38.1 mm, 38.354 mm, 38.608 mm

Insulation Outside Diameter Range: 1.320 - 1.520 Inch

Insulation Outside Diameter Range (Metric): 33.5 - 38.6 mm

Maximum Conductor Size (Imperial): 750 kcmil (Stranded)

Maximum Conductor Size (Metric): 400 mm² (Stranded)

Number of Conductors: 1

Operating Voltage: 15 kV

Product Series: 5400 Series

Product Type: Inline

Splice Type: Inline

3M™ Cold Shrink Corrosion Protection Kits CPT Series

Details

Designed to provide protection for bulkhead termination connectors
Offers protection from wet and salt-fog installation environments
Ideal for use in standard and hazardous locations
Insulator is formulated with EPDM rubber which contains no chlorides or sulfur
Provides tight sealing between NPT fitting threads and the enclosure using mastic strips
Includes an insulator assembly, mastic seal strip pack and instruction sheet

Typical properties

Brands: 3M™

Cable Accessory Products: Cold Shrink Corrosion Protection Kits

Cable Minimum Outside Diameter: 0.50 in, 0.66 in, 1.22 in, 1.40 in, 1.68 in, 1.97 in, 2.60 in, 2.90 in

Cable Minimum Outside Diameter (Metric): 12.7 mm, 16.8 mm, 31.0 mm, 35.6 mm, 42.7 mm, 50.0 mm, 66.0 mm, 73.7 mm

Connector Maximum Installed Length: 10.50 in, 13.00 in, 13.50 in, 4.50 in, 4.80 in, 5.50 in, 6.50 in, 8.50 in

Connector Maximum Installed Length (Metric): 114 mm, 122 mm, 140 mm, 165 mm, 215 mm, 266 mm, 330 mm, 343 mm

Connector Maximum Outside Diameter: 1.60 in, 1.90 in, 2.20 in, 2.65 in, 3.00 in, 3.60 in, 4.30 in, 5.40 in, 6.00 in

Connector Maximum Outside Diameter (Metric): 109.2 mm, 137.2 mm, 152.4 mm, 40.6 mm, 48.3 mm, 55.9 mm, 67.3 mm, 76.2 mm, 91.4 mm

Material: EPDM Rubber

Maximum Cable Diameter (Imperial): 1.598 in, 1.902 in, 2.2 in, 2.65 in, 3 in, 3.6 in, 4.3 in, 5.4 in, 6 in

Maximum Cable Diameter (Metric): 40.6 mm, 48.3 mm, 55.9 mm, 67.3 mm, 76.2 mm, 91.4 mm, 109.2 mm, 137.2 mm, 152.4 mm

Maximum Cable Outside Diameter (Metric): 12,7 mm, 16,8 mm, 31,0 mm, 35,6 mm, 42,7 mm, 50,0 mm, 66,0 mm, 73,7 mm

Minimum Cable Diameter (Imperial): 0.5 in, 0.66 in, 1.22 in, 1.402 in, 1.68 in, 1.97 in, 2.6 in, 2.9 in, 2.902 in

Minimum Cable Diameter (Metric): 12.7 mm, 16.8 mm, 31 mm, 35.6 mm, 42.7 mm, 50 mm, 66 mm, 73.7 mm

Units per Case: 10.0,5.0

3M™ Scotchlok™ Nylon Fully Insulated Interlock Barrel Female Disconnects

Details

Nylon-insulated, butted seam with an interlocking barrel offers easy insertion of wires
Dents and rolled edges of this female disconnect terminal offer excellent holding force
Allows for quick and easy disconnect of wires
Mates with 0.25-in wide male tab
Made of durable brass for good conductivity and has corrosion-resistant tin plating
Withstands a temperature range of -40 to 221 degrees F (-40 to 105 degrees C)
Rated 600V for building wire and 1000V for signs, fixtures or luminaires
UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Barrel Inside Diameter: 0.076 Inch, 0.128 Inch
Barrel Length (Imperial): 0.25 Inch
Barrel Style: Interlocking Barrel
CSA File Number: LR22190
Connection Type: Wire
Connection Width (Imperial): 0.25 in
Connection Width (Metric): 6.35 mm
Connector / Connector Tool: Connector
Connector Style: Insulation Displacement
Diameter (D): 0.23 Inch
Disconnect Type: Female
Fastener Orientation: Female
Flame Retardant: No
Fork Type: Standard Fork
Grease Filling Against Corrosion: No
Insulation Color: Yellow
Insulation Material: Nylon
Interrupt Free Shifting: No
Male Tab Width (W'): 0.250 Inch
Material: ETP Copper
Mates with Female Width: 0.25 Inch
Mates with Male Tab Width (W'): 0.25 Inch
Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG
Maximum Conductor Size (Metric): 1 mm², 2.5 mm², 6 mm²
Maximum Insulation Outer Diameter (Imperial): 0.145 in, 0.25 in
Maximum Insulation Outer Diameter (Metric): 3.7 mm
Maximum Insulation Outside Diameter: 0.145 in
Maximum Operating Temperature (Celsius): 105 °C
Maximum Operating Temperature (Fahrenheit): 221 °F
Maximum Recommended Voltage Rating: 600 V
Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 22 AWG
Minimum Conductor Size (Metric): .34 mm², 1.5 mm², 4 mm²

Pad Width: 0.25 in
Product Color: Yellow
Tab Width: 0.250
Terminal Style: Fully Insulated
Terminal Type: Disconnect
UL File Number: E70512
Units per Case: 500.0,1000.0
eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Diameter (Imperial): 0.23 in
Overall Length (Imperial): 0.91 in, 0.99 in
Overall Length (Metric): 25.14 mm
Overall Width (Imperial): 0.37 in

3M™ Modular Tap Splice Kits

3M ID B00014761

Details

Splices tape shield, wire shield, UniShield® and JCN cables
Designed for connecting parallel feeds by combining with 5815-E equipment
Tap into an existing dead-end or to combine with a 5815-S splice for a 3-way
installation
Meets ANSI/IEEE Standard 386

Typical properties

Brands: 3M™
Current Rating: 600.0 A
Product Series: 5815
Product Type: Splice
Separable Connector Type: Dead Break Elbows
Splice Type: Modular
eClass 14 Classification Group: 27440308

3M™ Scotchlok™ Non-Insulated Butted Seam Pin Terminals

Details

Non-insulated, butted-seam barrel ensures a secure fit and offers reliable performance

Beveled mouth offers easy insertion of wires

Provides quick connection for set screws or clamps that are used to make electrical contact

Made of copper for good conductivity and has tin plating for corrosion resistance

Withstands a maximum temperature of 347 degrees F (175 degrees C) for bare terminals

600V-rated for building wire and 1000V for signs, fixtures or luminaires

UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Barrel Inside Diameter: 0.07 Inch, 0.09 Inch, 0.135 Inch

Barrel Length (Imperial): 0.25 Inch

Barrel Style: Butted

Connection Width (Imperial): 0.08 in, 0.11 in

Connection Width (Metric): 2.032 mm, 2.794 mm

Insulation Material: Non-insulated

Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG

Maximum Conductor Size (Metric): 1 mm², 2.5 mm², 6 mm²

Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 22 AWG

Minimum Conductor Size (Metric): .34 mm², 1.5 mm², 4 mm²

Pin Length (PL): 0.47 Inch, 0.55 Inch

Solution for: Wireless Network: Infrastructure Accessories

Terminal Type: Pin

Units per Case: 500.0, 1000.0

eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Length (Imperial): 0.73 in, 0.81 in

3M™ Scotchcast™ Re-Enterable Signal and Control Cable Splicing Kits 78-R Series

3M ID B00015021

Details

Specially designed to splice shielded or non-shielded, plastic and rubber-jacketed, signal and control cables

Modular system approach allows for subsequent re-entry into the splice

Suitable for inline, wye, X or butt splicing, direct burial applications, indoor or underground systems, joining cable reel ends, cable failures and dig ins

Rated for 1 kV cables

Typical properties

Conductor Amount: Multiple, Single

Conductor Sizes (Imperial): 10 AWG, 12 AWG, 14 AWG, 16 AWG, 18 AWG, 20 AWG, 22 AWG

Maximum Conductor Size (Imperial): 10 AWG

Maximum Conductor Size (Metric): 6 mm²

Minimum Conductor Size (Imperial): 22 AWG

Minimum Conductor Size (Metric): .34 mm²

Product Type: Resin Splice

Splice Type: Resin

Voltage: 1 kV

eClass 14 Classification Group: 27400107

3M™ Motor Lead Pigtail Splice Kits 5380 Series

Details

Designed for use with 30000 Series copper compression lugs or other UL Listed copper lugs
Perfect for use with shielded and non-shielded cables
Rated for 5/8 kV applications
The lug or splice cover is made of EPDM rubber to resist punctures and abrasion damage
Includes 6 tubes of silicone grease, 3 cold shrink jacket tubes, 3 cable ties, 3 ground straps and 1 instruction sheet
Withstands a temperature range of 194 to 266 degrees F (90 to 130 degrees C)

Typical properties

Application: Cable Connection
Cable Shielding: Concentric Neutral (CN), Jacketed Concentric Neutral (JCN), Non-shielded, Ribbon Shield, UniShield®, Wire Shield
Cable Type: Cable with XLPE insulation, Concentric Neutral (CN), Jacketed Concentric Neutral (JCN)
Conductor Material: Aluminum, Copper
Conductor Sizes (Imperial): 1 AWG, 1/0 AWG, 1000 kcmil, 2/0 AWG, 250 kcmil, 3/0 AWG, 350 kcmil, 4/0 AWG, 500 kcmil, 750 kcmil
Connection Type: Pigtail (Non-shielded), Pigtail (Shielded)
Connector Included: No, None
Inner Diameter of Boot to Size of Cables: 0.90 in, 1.16 in, 1.60 in, 2.06 in
Inner Diameter of Boot to Size of Cables (Metric): 22.9 mm, 29.5 mm, 40.6 mm, 52.3 mm
Insulation Outside Diameter: 0.53-0.88 Inch, 0.30-0.51 Inch, 0.43-0.65 Inch, 0.75-1.12 Inch
Insulation Outside Diameter Range: 0.30-0.51 in, 0.43-0.65 in, 0.53-0.88 in, 0.75-1.12 in
Insulation Outside Diameter Range (Metric): 10.9 - 16.5 mm, 13.5-22.4 mm, 19.1-28.4 mm, 7.6-13.0 mm
Maximum Bolt Length: 1-1/2 in, 1-1/4 in, 3/4 in, 5/8 in
Maximum Bolt Length (Metric): 15.9 mm, 19.1 mm, 31.8 mm, 38.1 mm
Maximum Conductor Size (Imperial): 1000 kcmil, 250 kcmil, 400 kcmil, 500 kcmil
Maximum Conductor Size (Metric): 120 mm², 185 mm², 240 mm², 500 mm²
Maximum Feeder Lead Size: 1/0 AWG, 250 kcmil, 4 AWG, 500 kcmil
Maximum Lug Length: 2-3/4 in, 2-1/2 in, 5-1/2 in, 4 in
Maximum Lug Length (Metric): 101.6 mm, 139.7 mm, 63.5 mm, 69.9 mm
Maximum Motor Lead Size: 1/0 AWG, 250 kcmil, 4 AWG, 500 kcmil
Maximum Operating Voltage: 8 kV
Minimum Conductor Size (Imperial): 1/0 AWG, 118 kcmil, 250 kcmil, 500 kcmil
Minimum Conductor Size (Metric): 120 mm², 240 mm², 50 mm², 60 mm²
Number of Conductors: 1, 3
Product Type: Cold Shrink, Splice
Range Feeder Cable (AWG & kcmil): 1/0-250, 2-0, 250-500, 8-4
Splice Type: Pigtail or V-stub
Typical Splice Length: 30 in, 33 in, 35 in

Typical Splice Length (Metric): 762 mm, 838 mm, 889 mm
Units per Case: 3.0
Voltage: 5 kV - 8 kV
Voltage Application: Medium Voltage

3M™ Cold Shrink Coax Sealing Kit 98-KC 8

3M ID 7100028690

Details

- Reliable sealing - Easy to remove
- Made of silicone rubber for a tighter shrink
- UV resistant
- Fits easily between tight connections
- No foam build-up required prior to installation
- Does not require use of butyl or threaded adapter on fully threaded connectors

Typical properties

- Application: DIN-716 or 4.3/10 Connection on 1/2" Coax and DC Power Connection on Remote Radio Unit (RRU)
- Application Temperature Range (Celsius): -20°C up to +50°C
- Brands: 3M™
- Cable Range: 11 mm (.43") to 41 mm (1.61") Diameter
- Cable Shielding: Non-shielded
- Halogen Free: No
- Insulation Outer Diameter (Imperial): 1.61 in
- Insulation Outer Diameter (Metric): 41 mm
- Material: Silicone
- Model: Cold Shrink
- Number of Conductors: 1
- Operating Temperature (Celsius): -55 up to +260°C
- Product Color: Black
- Shrink Ratio: 2:1
- Sleeve Length (Metric): Pre-Install 130mm +/- 10mm. Post-Install 140mm approx.
- Sleeve Length Post-Install: 140 mm approx. or 5.51 in
- Sleeve Length Pre-Install: 130 mm +/- 10 mm or 5.12 in +/- .39 in
- Solution for: Wireless Network: Weatherproofing
- Splice Type: Cold Shrink
- UL Approval: No
- Wall Thickness after Shrinking: 2.8 mm
- With Inner Glue: No
- eClass 14 Classification Group: 27400107

Dimensions and Classifications

- Overall Diameter (Metric): 43.7 mm
- Overall Length (Metric): 170 mm

3M™ ScotchCode™ Wire Marker Tape Refill Roll

Details

High tack, acrylic adhesive that resists solvents, oil and water and adheres firmly to insulation surfaces

Available in ten NEMA colors, individual numbers and consecutive numbers, letters and symbols

Can be used for applications with operating temperatures between -40°F (-40°C) to 250°F (121°C)

Typical properties

Adhesive Material: Acrylic

Application: Marking Wire and Cable

Dispenser/Marker Type: Tape Roll Refill

Legend: "+", "-", 0, 1, 10 - 19, 2, 20 - 29, 3, 30 - 39, 30 Alarm System Legend, 4, 40 - 49, 5, 6, 7, 8, 9, A, B, C, D, E, F, G, H, I, J, K, L, L1, L2, L3, M, N, O, P, Q, R, S, T, T1, T2, T3, U, V, W, X, Y, Z

Legend Color: Assorted, Black, Blue, Brown, Gray, Green, Orange, Red, Violet, White, Yellow

Marker ID Style: Pre-printed

Marker Size: Cut Length to Suit

Marker Type: Dispenser

Material: Plastic

Max. Number of Cores: 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 107, 108, 109

Maximum Insulation Outer Diameter (Metric): 3.7 mm

Maximum Insulation Outside Diameter: 0.145 in

Maximum Operating Temperature (Celsius): 80 °C, 121 °C

Maximum Operating Temperature (Fahrenheit): 176 °F, 250 °F

Maximum Recommended Voltage Rating: 600 V

Mounting Method: Adhesive Tape

Operating Temperature Range (Celsius): -40 °C to 121 °C

Printed Text Type: Alphanumeric, Color - BK, Color - BL, Color - BN, Color - GN, Color - GY, Color - OR, Color - RD, Color - VL, Color - WH, Color - YL, Letter - A, Letter - B, Letter - C, Letter - D, Letter - E, Letter - F, Letter - G, Letter - H, Letter - I, Letter - J, Letter - K, Letter - L, Letter - M, Letter - N, Letter - O, Letter - P, Letter - Q, Letter - R, Letter - S, Letter - T, Letter - U, Letter - V, Letter - W, Letter - X, Letter - Y, Letter - Z, Number - 0, Number - 1, Number - 2, Number - 3, Number - 4, Number - 5, Number - 6, Number - 7, Number - 8, Number - 9, Numbers - 0-9, Numbers - 10-19, Numbers - 20-29, Numbers - 30-39, Numbers - 40-49, Symbol - (MINUS) -, Symbol - (PLUS) +, Symbol - L1, Symbol - L2, Symbol - L3, Symbol - T3

Product Color: White

Product Type: Identification, Write-on Refill Roll

Refill: Tape Roll

Solution for: Access Network: FTTH/FTTB/CATV, Access Network: xDSL, Long-haul/Metro Loop Network: CO/POP, Long-haul/Metro Loop Network: Outdoor, Wireless Network: Backhaul

Tape Color: Black, Blue, Brown, Gray, Green, Orange, Red, Violet, White, Yellow

Tensile Strength (Imperial): 17 lb/in
UV Resistant: No
Units per Case: 50.0
Voltage Application: Low Voltage
Wire Marker Products: Wire Marker Tape Dispenser and Refill Rolls
With Label Space: No

Dimensions and Classifications

Overall Length (Metric): 2.4 m, 2.43 m
Overall Width (Metric): 5.46 mm, 19 mm, 53.975 mm

3M™ Direct Bury Splice Kits

Details

Twist-on type for quick connection
Used for appliances and fixtures, automotive and marine, commercial construction, industrial construction and residential construction
Delivers uniform holding power
Withstands temperatures up to 221 °F (105 °C)

Typical properties

Application Temperature Range (Celsius): 0 - 49 Degrees Celsius
Application Temperature Range (Fahrenheit): 32 - 120 Degrees Fahrenheit
Brands: 3M™
Closure Length (Imperial): 3.66 in
Closure Length (Metric): 93 mm
Closure Width (Imperial): 1 in
Closure Width (Metric): 2.54 cm
Conductor Sizes (Imperial): 10 AWG, 18 - 10 AWG, 18 AWG, 18 - 10 AWG
Connection Type: Wire
Connector Style: Direct Bury
Encapsulation Method: Moisture sealed spring connector
Flame Retardant: UL-94 V-2, Yes
Grease Filling Against Corrosion: Yes
Insulation Color: Orange/Blue
Insulation Material: Tube is UV Resistant Polypropylene
Interrupt Free Shifting: No
Maximum Conductor Size (Imperial): 10 AWG
Maximum Conductor Size (Metric): 6 mm²
Maximum Insulation Outer Diameter (Metric): 3.7 mm
Maximum Insulation Outside Diameter: 0.145 in
Maximum Operating Temperature (Celsius): 105 °C
Maximum Operating Temperature (Fahrenheit): 221 °F
Maximum Recommended Voltage Rating: 600 V
Maximum Voltage Rating: 600 V
Minimum Conductor Size (Imperial): 18 AWG
Minimum Conductor Size (Metric): 0.75 mm², 1 mm²
Minimum Operating Temperature (Celsius): -40 °C
Minimum Operating Temperature (Fahrenheit): -40 °F
Operating Temperature (Celsius): -40 °C to 105 °C
Operating Temperature (Fahrenheit): -40 °F to 221 °F
Operating Temperature Range (Celsius): -40 °C to 105 °C
Operating Temperature Range (Fahrenheit): -40 °F to 221 °F
Product Color: Blue, Orange, Red, Yellow
Product Type: Connector
Voltage Rating: 600 V, 0 NP
Wire Connector: O/B+, R/Y+
Wire Connector Type: Direct Bury Splice Kit
eClass 14 Classification Group: 27400215

3M™ Scotchlok™ Heat Shrink Seamless Butt Connectors

Details

Built-in wire stop for correct positioning

Made of electrolytic copper for good conductivity and has tin plating for corrosion resistance

Withstands a maximum temperature of 221 degrees F (105 degrees C)

Typical properties

Barrel Inside Diameter: 0.142 inch, 0.062 inch, 0.095 inch

Body Material: Copper Alloy

Connector Type: Butt

Disconnect Type: Female

Insulation Material: Heat Shrink

Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG

Maximum Conductor Size (Metric): 1 mm², 2.5 mm², 6 mm²

Maximum Operating Temperature (Celsius): 105 °C

Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 22 AWG

Minimum Conductor Size (Metric): .34 mm², 1.5 mm², 4 mm²

Product Color: Red, Yellow

Terminal Type: Butt Connectors

eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Length (Imperial): 1.2 in, 1.3 in, 1.5 in

Overall Length (Metric): 30.48 mm, 33.02 mm, 38.1 mm

3M™ Scotchlok™ Moisture Guard Connectors

Details

Grease protects against moisture
Suitable for applications requiring moisture and UV protection
Accommodates 16 to 14 AWG solid/stranded, 12 AWG stranded (outer ports)
and 18 AWG solid/stranded, 20 AWG stranded (inner port)
C UL Listed and RoHS 2011/65/EU Compliant

Typical properties

Brands: Scotchlok™
Conductor Sizes (Imperial): 12 AWG (Stranded), 14 AWG, 18 AWG
Conductor Sizes (Metric): 1 mm², 2.5 mm², 4 mm² (Stranded)
Connection Type: Moisture Guard
Connector Style: Insulation Displacement
Flame Retardant: No, UL-94 V-2
Grease Filling Against Corrosion: No
Insulation Material: Polycarbonate
Interrupt Free Shifting: No
Material: Flame Retardant Polycarbonate
Maximum Conductor Size (Imperial): 12 AWG (Stranded), 14 AWG
Maximum Conductor Size (Metric): 2.5 mm², 4 mm² (Stranded)
Maximum Insulation Diameter (Inside Port): 0.15 in
Maximum Insulation Diameter (Inside Port) (Metric): 3.8 mm
Maximum Insulation Diameter (Outside Port): 0.21 in
Maximum Insulation Diameter (Outside Port) (Metric): 5.3 mm
Maximum Operating Temperature (Celsius): 105 °C
Maximum Operating Temperature (Fahrenheit): 221 °F
Maximum Voltage Rating: 600 V, 600 V (1000 V in signs, lighting fixtures and luminaries)
Minimum Conductor Size (Imperial): 14 AWG, 18 AWG
Minimum Conductor Size (Metric): 1 mm², 2.5 mm²
Moisture Resistant: Yes
Package Quantity: 30
Product Type: Connector
UL File Number: E23438
Wire Connector Type: IDC Connectors
eClass 14 Classification Group: 27400215

3M™ Scotchlok™ Butted Seam High-Temperature Butt Connectors

Details

Built-in wire stop for correct positioning
Made of nickel-plated, annealed steel
Maximum Temperature Range of 900 degrees F (482 degrees C)
600V-rated for building wire and 1000V for signs, fixtures or luminaires
RoHS 2011/65/EU Compliant

Typical properties

Barrel Inside Diameter: 0.135 Inch
Barrel Length (Imperial): 0.25 Inch
Barrel Style: Butted
Body Material: Copper Alloy, Stainless Steel
Connector Type: Butt
Insulation Material: Non-insulated, Nylon, Vinyl
Maximum Conductor Size (Imperial): 10 AWG, 12 AWG, 14 AWG, 18 AWG
Maximum Conductor Size (Metric): 1 mm², 2.5 mm², 4 mm², 6 mm²
Minimum Conductor Size (Imperial): 10 AWG, 12 AWG, 16 AWG, 22 AWG
Minimum Conductor Size (Metric): .34 mm², 1.5 mm², 4 mm², 6 mm²
Solution for: Wireless Network: Infrastructure Accessories
Terminal Style: High Temp
Units per Case: 500.0
eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Length (Imperial): 0.056 in, 0.56 in

3M™ Scotchlok™ Vinyl Insulated Butted Seam Standard Forks

Typical properties

Barrel Inside Diameter: 0.07 Inch,0.09 Inch,0.135 Inch,0.090 Inch
Barrel Length (Imperial): 0.25 Inch
Barrel Style: Butted
CSA File Number: LR22190
Clearance (C): 0.29 Inch
Dimension E: 0.84 Inch,0.74 Inch
Fork Type: Block Fork,Block,Standard
Insulation Material: Vinyl
Material: ETP Copper
Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG
Maximum Conductor Size (Metric): .0823 mm², 2.08 mm², 5.26 mm²
Maximum Insulation Outer Diameter (Imperial): 0.145 in, 0.17 in, 0.25 in
Maximum Insulation Outer Diameter (Metric): 3.7 mm, 4.31 mm, 6.35 mm
Maximum Insulation Outside Diameter: 0.145 in
Maximum Operating Temperature (Celsius): 105 °C
Maximum Operating Temperature (Fahrenheit): 221 °F
Maximum Recommended Voltage Rating: 600 V
Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 22 AWG
Minimum Conductor Size (Metric): 0.326 mm², 1.31 mm², 3.31 mm²
Product Color: Blue
Solution for: Wireless Network: Infrastructure Accessories
Stud Diameter (Imperial): 0.138 in, 0.164 in, 0.19 in
Stud Diameter (Metric): 3.505 mm, 4.166 mm, 4.826 mm
Stud Size: #10,#6,#8
Terminal Style: Standard
Terminal Type: Fork
UL File Number: E23438, E70512
Units per Case: 500.0,1000.0
eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Length (Imperial): 0.9 in, 1.03 in
Overall Width (Imperial): 0.34 in, 0.38 in

3M™ Molded Rubber QS-II Cable Splice Kits 5411/5412 Series

Details

1-piece inline splice to use on jacketed concentric neutral (JCN) or concentric neutral (CN) cables
Provides an electrical connection for the outer conducting jacket to the cable semi-conductive jacket
Designed to use on cables that can withstand a maximum temperature of 194 °F (90 °C)
The cold shrink jacket is made of peroxide-cured EPDM rubber which provides moisture resistance and durability
Rated for 15 kV cables
Factory-tested to offer reliability

Typical properties

Cable Shielding: Concentric Neutral (CN), Jacketed Concentric Neutral (JCN)
Case Quantity: 1
Conductor Material: Aluminum, Copper
Conductor Sizes (Imperial): 1 AWG, 1/0 AWG, 2 AWG, 2/0 AWG, 3/0 AWG, 4 AWG, 4/0 AWG
Connector Included: 20006, CI-1/0, CI-1/0 and two 10002, CI-2, CI-2/0, CI-21, CI-22, CI-3/0, CI-4/0, CI-T1, CI-T3, CI-T4, None
Insulation Level: 100%, 133%
Insulation O.D. Range: 0.637 - 0.900 Inch, 0.775 - 0.90 Inch, 0.840 - 1.050 Inch
Insulation Outer Diameter (Imperial): 0.63 in, 0.64 in, 0.65 in, 0.66 in, 0.67 in, 0.68 in, 0.69 in, 0.7 in, 0.71 in, 0.72 in, 0.73 in, 0.74 in, 0.75 in, 0.76 in, 0.77 in, 0.78 in, 0.79 in, 0.8 in, 0.81 in, 0.82 in, 0.83 in, 0.84 in, 0.85 in, 0.86 in, 0.87 in, 0.88 in, 0.89 in, 0.9 in, 0.91 in, 0.92 in, 0.93 in, 0.94 in, 0.95 in, 0.96 in, 0.97 in, 0.98 in, 0.99 in, 1 in, 1.01 in, 1.02 in, 1.03 in, 1.04 in, 1.05 in, 24.384 mm, 24.638 mm, 24.892 mm, 25.146 mm, 25.4 mm, 25.654 mm, 25.908 mm, 26.162 mm, 26.416 mm, 26.67 mm
Insulation Outer Diameter (Metric): 16 mm, 16.256 mm, 16.51 mm, 16.764 mm, 17.018 mm, 17.272 mm, 17.526 mm, 17.78 mm, 18.034 mm, 18.288 mm, 18.542 mm, 18.796 mm, 19.05 mm, 19.304 mm, 19.558 mm, 19.812 mm, 20.066 mm, 20.32 mm, 20.574 mm, 20.828 mm, 21.082 mm, 21.336 mm, 21.59 mm, 21.844 mm, 22.098 mm, 22.352 mm, 22.606 mm, 22.86 mm, 23.114 mm, 23.368 mm, 23.622 mm, 23.876 mm, 24.13 mm, 24.384 mm, 24.638 mm, 24.892 mm, 25.146 mm, 25.4 mm, 25.654 mm, 25.908 mm, 26.162 mm, 26.416 mm, 26.67 mm
Insulation Outside Diameter Range: 0.637 - 0.900 Inch, 0.775 - 0.90 Inch, 0.840 - 1.050 Inch
Insulation Outside Diameter Range (Metric): 16.2 - 22.9 mm, 19.7 - 22.9 mm, 21.3 - 26.7 mm
Maximum Conductor Size (Imperial): 1 AWG (Stranded), 1/0 AWG (Stranded), 2 AWG (Stranded), 2/0 AWG (Stranded), 250 kcmil (Stranded), 3/0 AWG (Stranded), 4 AWG (Stranded), 4/0 AWG (Stranded)
Maximum Conductor Size (Metric): 120 mm² (Stranded), 25 mm² (Stranded), 35 mm² (Stranded), 50 mm² (Solid), 50 mm² (Stranded), 70 mm² (Stranded), 95 mm² (Stranded)
Number of Conductors: 1

Operating Voltage: 15 kV
Product Series: 5411, 5411A & 5412 Series
Product Type: Inline
Splice Type: Inline
Voltage: 15 kV, 25/28 kV

3M™ Scotchlok™ Vinyl Insulated Butted Seam Flanged Block Forks

Details

Vinyl-insulated, butted-seam barrel ensures a secure fit and offers reliable performance

Funnel-designed, polyvinyl chloride sleeve offers easy insertion of wires

Suitable for use in a terminal block

Electrolytic copper construction offers good conductivity

Withstands a temperature range of -40 to 221 degrees F (-40 to 105 degrees C)

600V-rated for building wire and 1000V for signs, fixtures or luminaires

UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Barrel Inside Diameter: 0.135 Inch

Barrel Length (Imperial): 0.25 Inch

Barrel Style: Butted

CSA File Number: LR22190

Clearance (C): 0.29 Inch

Connection Width (Imperial): 0.138 in, 0.164 in, 0.19 in

Connection Width (Metric): 3.5 mm, 4.166 mm, 4.826 mm

Dimension E: 0.84 Inch

Fork Type: Flanged Block

Insulation Material: Vinyl

Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG

Maximum Conductor Size (Metric): .0823 mm², 2.08 mm², 5.26 mm²

Maximum Insulation Outer Diameter (Imperial): 0.25 in

Maximum Operating Temperature (Celsius): 105 °C

Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 22 AWG

Minimum Conductor Size (Metric): 0.326 mm², 1.31 mm², 3.31 mm²

Solution for: Wireless Network: Infrastructure Accessories

Stud Size: #10

Terminal Style: Flanged Block

Terminal Type: Fork

UL File Number: E23438

Units per Case: 500.0

eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Length (Imperial): 0.85 in, 1.03 in

Overall Width (Imperial): 0.3 in, 0.32 in

3M™ Scotchlok™ Non-Insulated Butted Seam Female Disconnects

Details

Non-insulated, butted-seam barrel with a beveled mouth offers easy insertion of wires
Dents and rolled edges of this female disconnect terminal offer excellent holding force
Allows for quick and easy disconnect of wires
Made of durable brass for good conductivity and has corrosion-resistant tin plating
Withstands a maximum temperature of 347 degrees F (175 degrees C) for bare terminals
Rated 600V for building wire and 1000V for signs, fixtures or luminaires
UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Barrel Inside Diameter: 0.040 Inch, 0.115 Inch, 0.080 Inch, 0.085 Inch, 0.08 Inch
Barrel Length (Imperial): 0.25 Inch
Barrel Style: Brazed, Butted
CSA File Number: LR22190
Connection Width (Imperial): 0.11 in, 0.187 in, 0.25 in
Connection Width (Metric): 2.794 mm, 4.75 mm, 6.35 mm
Disconnect Type: Female
Fastener Orientation: Female
Insulation Material: Non-insulated
Mates with Female Width: 0.110 Inch, 0.187 Inch, 0.25 Inch, 0.250 Inch
Mates with Male Tab Width (W'): 0.110 Inch, 0.187 Inch, 0.25 Inch, 0.250 Inch
Maximum Conductor Size (Imperial): 14 AWG, 18 AWG, 20 AWG
Maximum Conductor Size (Metric): .5 mm², 1 mm², 2.5 mm²
Minimum Conductor Size (Imperial): 16 AWG, 22 AWG, 26 AWG
Minimum Conductor Size (Metric): .14 mm², .34 mm², 1.5 mm²
Pad Width: 0.11 in, 0.187 in, 0.25 in
Solution for: Wireless Network: Infrastructure Accessories
Tab Width: 0.250, 0.187
Terminal Style: Standard
Terminal Type: Disconnect
UL File Number: E70512
Units per Case: 500.0, 1000.0
eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Length (Imperial): 0.48 in, 0.54 in, 0.58 in, 0.66 in

3M™ Heat Shrink Tubing TMW

Details

Ideal for manufacturing heat shrink butt connectors, disconnects, ring terminals and fork terminals

Color-coded for quick and easy identification of the wire

Suitable for use with mechanical assemblies, braided-shield pigtails, electronic components, electrical wire splices, breakouts, solder joints, delicate wire terminations and end-sealing of electrical cables

Made of red semi-rigid polyolefin

Withstands temperatures of -67 to 230 degrees F (-55 to 110 degrees C)

Rated for 600V applications

Typical properties

Agency Approvals: UL Recognized

Elongation: 400 %

Flame Retardant: No

Inner Diameter After Shrink (Imperial): 0.061 in, 0.073 in, 0.085 in, 0.11 in

Inner Diameter After Shrink (Metric): 1.55 mm, 1.85 mm, 2.16 mm, 2.79 mm

Inner Diameter Before Shrink (Imperial): 0.183 in, 0.22 in, 0.255 in, 0.33 in

Inner Diameter Before Shrink (Metric): 4.65 mm, 5.59 mm, 6.48 mm, 8.38 mm

Maximum Operating Temperature (Celsius): 110 °C

Maximum Operating Temperature (Fahrenheit): 230 °F

Minimum Expanded Tubing I. D.: 0.183 in, 0.22 in, 0.255 in, 0.33 in

Operating Temperature (Celsius): -55 to 135 Degrees Celsius

Product Color: Blue, Pink, Red, Yellow

Shrink Ratio: 2:1, 3:1

Tubing Type: Dual Wall (Adhesive)

eClass 14 Classification Group: 27400105

Dimensions and Classifications

Overall Length (Imperial): 0.75 in, 0.875 in, 1 in, 1.5 in, 1.7 in, 1.85 in

3M™ Heat Shrink Tubing FP-301VW

Details

Balances electrical, physical and chemical properties for various industrial and military applications
Suitable for flame-retardant applications requiring UL VW-1 and CSA OFT, fire-resistant wiring
Made of black flexible polyolefin
Withstands temperatures of -67 to 275 degrees F (-55 to 135 degrees C)
Rated for 600V applications
Rated for 600V applications

Typical properties

Agency Approvals: CSA, UL Recognized
Elongation: 400 Decibel, 400 %
Expanded Inner Diameter: 0.375 in, 0.5 in, 1 in, 1.5 in, 2 in, 3 in, 4 in
Expanded Inner Diameter (Metric): 12.70 mm, 76.2 mm, 9.5 mm
Flame Retardant: Yes
Flammability Rating: UL 224 VW-1 / CSA OfT
Heat Shrink Type: Single-Wall Polyolefin Heat Shrink Tubing
Inner Diameter After Shrink (Imperial): 0.031 in, 0.046 in, 0.062 in, 0.093 in, 0.125 in, 0.187 in, 0.25 in, 0.375 in, 0.5 in, 0.75 in, 1 in, 1.5 in, 2 in
Inner Diameter After Shrink (Metric): 0.79 mm, 1.17 mm, 1.57 mm, 2.36 mm, 3.18 mm, 4.75 mm, 6.35 mm, 9.53 mm, 12.7 mm, 19.05 mm, 25.4 mm, 38.1 mm, 50.8 mm
Inner Diameter Before Shrink (Imperial): 0.063 in, 0.093 in, 0.125 in, 0.187 in, 0.25 in, 0.375 in, 0.5 in, 0.75 in, 1 in, 1.5 in, 2 in, 3 in, 4 in
Inner Diameter Before Shrink (Metric): 1.6 mm, 2.36 mm, 3.18 mm, 4.75 mm, 6.35 mm, 9.53 mm, 12.7 mm, 19.05 mm, 25.4 mm, 38.1 mm, 50.8 mm, 76.2 mm, 101.6 mm
Material: Highly Flame-retardant, Flexible Polyolefin, Polyolefin
Maximum Operating Temperature (Celsius): 135 °C
Maximum Operating Temperature (Fahrenheit): 275 °F
Mil Spec: AMS-DTL-23053/5, Class 3
Minimum Expanded Tubing I. D.: 1 in, 2 in, 3 in, 4 in
Minimum Shrink Temperature (Celsius): 100 °C
Non-Corrosive: Yes
Operating Temperature (Celsius): -55 to 135 Degrees Celsius
Operating Temperature Range (Celsius): -55 °C to +135 °C
Operating Temperature Range (Fahrenheit): -67 °F to 275 °F
Product Color: Black
Product Form: Tube
Recovered Inner Diameter: 0.05 in, 0.187 in, 0.25 in, 1 in, 1.5 in, 2 in, 3 in
Recovered Inner Diameter (Metric): 4.7498 mm, 6.35 mm, 38.1 mm
Shrink Ratio: 2:1
Solution for: Wireless Network: Infrastructure Accessories
Tensile Strength (Imperial): 2400 Pound-Force Per Square Inch
Tubing Type: Single (Thin) Wall, Single Wall (Thin)
UL Approval: Yes

UL File Number: E-39100
eClass 14 Classification Group: 27400105

Dimensions and Classifications

Overall Length (Imperial): 50 ft, 100 ft, 200 ft, 250 ft, 500 ft, 1000 ft

3M™ Cold Shrink Cable Accessory Sealing Kits 8450 Series

Details

Suitable for use with commonly used power cable jacketing and semi-conductive materials

Specially designed to seal between the cable jacket end and a cable accessory
RoHS 2011/65/EU Compliant

Typical properties

Brands: 3M™

Cable Accessory Products: Sealing and Grounding Kits

Cable Shielding: Jacketed Concentric Neutral (JCN)

Cable Size by Voltage: (15 kV) 2-4/0 AWG (35-100 mm²), (15 kV) 2/0 AWG-1000 kcmil (70-500 mm²), (15 kV) 750-1500 kcmil (380-725 mm²), (15 kV) 750-1500 kcmil (380-725 mm²), (25 kV) 600-1250 kcmil (325-625 mm²), (35 kV) 350-1000 kcmil (180-500 mm²), (25 kV) 1/0 AWG-750 kcmil (60-380 mm²), (25 kV) 2-2/0 AWG (35-50 mm²), (25 kV) 600-1250 kcmil (325-625 mm²), (35 kV) 1/0 AWG (60 mm²), (35 kV) 1/0 AWG-500 kcmil (60-250 mm²), (35 kV) 350-1000 kcmil (180-500 mm²)

Cable Voltage Rating: 15 kV, 25 kV, 35 kV

Cold Shrink Sealing Tube: 1, 1 (1/2 Inch Longer)

Conductor Sizes (Imperial): 1 AWG, 1/0 AWG, 1000 kcmil, 1250 kcmil, 1500 kcmil, 2 AWG, 2/0 AWG, 250 kcmil, 3/0 AWG, 300 kcmil, 350 kcmil, 4/0 AWG, 400 kcmil, 450 kcmil, 500 kcmil, 600 kcmil, 700 kcmil, 750 kcmil, 800 kcmil, 900 kcmil

Expanded Tube Diameter: 2.12 in, 2.85 in, 3.87 in

Expanded Tube Diameter (Metric): 53.8 mm, 72.4 mm, 98 mm, 98.3 mm

Expanded Tube Length: 4.50 in, 5.00 in, 6.50 in, 7.50 in

Expanded Tube Length (Metric): 11.43 cm, 12.7 cm, 16.51 cm, 19 mm

Material: EPDM Rubber

Maximum Cable Diameter (Imperial): 1.94 in, 2.67 in, 3.5 in

Maximum Cable Diameter (Metric): 49 mm, 68 mm, 88.9 mm

Maximum Installed Diameter: 1.94 in, 2.67 in, 3.5 in

Maximum Installed Diameter (Metric): 49.3 mm, 67.8 mm, 88.9 mm, 89 mm

Maximum Operating Voltage: 35 kV

Minimum Cable Diameter (Imperial): 0.95 in, 1.28 in, 1.6 in

Minimum Cable Diameter (Metric): 24 mm, 33 mm, 41 mm

Minimum Seal Diameter: 0.95 in, 1.28 in, 1.6 in

Minimum Seal Diameter (Metric): 24.1 mm, 32.5 mm, 40.6 mm, 41 mm

Number of Mastic Sealing Strips: 3 Strips, 4 Strips, 6 strips

Product Type: Accessory

Relaxed Tube Length: 6 in, 6.5 in, 8 in, 9 in

Relaxed Tube Length (Metric): 15.24 cm, 16.51 cm, 20.32 cm, 22.5 cm, 22.86 cm

Separable Connector Type: Load Break Elbows

Typical Splice Length: 44.0 in

Units per Case: 10.0

eClass 14 Classification Group: 27440308

3M™ Highland™ Vinyl Insulated Female Disconnect Terminal FDV10-250Q, AWG 12-10, 25/bag, 10 Bags/Case

Part Number FDV10-250Q 3M ID 7000133661 UPC 00051128600047

Details

Vinyl-insulated, butted-seam barrel with a funnel-designed, polyvinyl chloride sleeve offers easy insertion of wires
Dents and rolled edges of this female disconnect terminal offer excellent holding force
Allows for quick and easy disconnect of wires

Typical properties

Barrel Inside Diameter: 0.128 Inch
Barrel Length (Imperial): 0.25 Inch
Barrel Length (Metric): 6.35 mm
Barrel Style: Butted
Brands: Scotchlok™
CSA File Number: LR22190
Connection Width (Imperial): 0.25 in
Connection Width (Metric): 6.35 mm
Disconnect Type: Female
Fastener Orientation: Female
Insulation Material: Vinyl
Material: Plastic
Mates with Female Width: 0.25 Inch
Mates with Male Tab Width (W'): 0.25 Inch
Max. Number of Cores: 416
Maximum Conductor Size (Imperial): 10 AWG
Maximum Conductor Size (Metric): 6 mm²
Maximum Insulation Outer Diameter (Imperial): 0.25 in
Maximum Insulation Outer Diameter (Metric): 3.7 mm
Maximum Insulation Outside Diameter: 0.145 in
Maximum Recommended Voltage Rating: 600 V
Maximum Voltage Rating: 600 to 1000 V
Minimum Conductor Size (Imperial): 12 AWG
Minimum Conductor Size (Metric): 4 mm²
Pad Width: 0.25 in
Tab Width: 0.250
Terminal Style: Standard
Terminal Type: Disconnect
UL File Number: E70512
Units per Case: 10.0
Units per bag: 25
eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Length (Imperial): 0.95 in
Overall Length (Metric): 24.13 mm

3M™ Scotchlok™ IDC Connector 804

Details

Blue, polypropylene-insulated connector electrically taps into a wire in mid-span without cutting
Suitable for control circuit wiring, fixture wiring, appliance wiring, signal and PA systems and automotive/boat/RV wiring
Accommodates 18 to 14 AWG solid/stranded
RoHS 2011/65/EU Compliant

Typical properties

Brands: Scotchlok™
Case Quantity: 1000,250
Conductor Sizes (Imperial): 14 AWG (Stranded), 16 AWG, 18 AWG
Conductor Sizes (Metric): 1 mm², 1.5 mm², 2.5 mm² (Stranded)
Connection Type: Run & Tap
Connector / Connector Tool: 3M Crimping Tool E-9BM and/or 9" Lineman's Pliers
Connector Style: Insulation Displacement
Flame Retardant: No, UL-94 V-2, Yes
Grease Filling Against Corrosion: No, Yes
Insulation Color: Black, Blue
Insulation Material: Nylon
Insulation Outer Diameter (Imperial): 0.145 in
Material: Plastic
Max. Number of Cores: 1 , 2
Maximum Conductor Size (Imperial): 14 AWG (Stranded), 16 AWG
Maximum Conductor Size (Metric): 1.5 mm², 2.5 mm² (Stranded)
Maximum Operating Temperature (Celsius): 75 °C, 90 °C
Maximum Operating Temperature (Fahrenheit): 167 °F, 194 °F
Maximum Recommended Voltage Rating: 600 V
Minimum Conductor Size (Imperial): 18 AWG
Minimum Conductor Size (Metric): 1 mm²
Moisture Resistant: Yes
Operating Temperature (Celsius): 90 °C
Operating Temperature (Fahrenheit): 194 °F
Operating Temperature Range (Celsius): 90 °C
Operating Temperature Range (Fahrenheit): 194 °F
Package Quantity: 25
Product Color: Blue
Product Type: Connector
Recommended Crimping Tool: E-9BM or 9 in. Linemans Pliers
Run Maximum Insulation Outer Diameter (Imperial): 0.145 in
Run Maximum Insulation Outer Diameter (Metric): 3.7 mm
Tap Maximum Insulation Outer Diameter (Imperial): 0.145 in
Tap Maximum Insulation Outer Diameter (Metric): 3.7 mm
Units per Case: 250.0,500.0
Voltage Application: Low Voltage
Wire Connector Type: IDC Connectors
eClass 14 Classification Group: 27400215

3M™ Scotchlok™ Non-Insulated Butted Seam Ring Tongues

Details

Non-insulated, butted-seam barrel ensures a secure fit and offers reliable performance

Beveled mouth offers easy insertion of wires

Standard-style ring tongue fits around the stud

Made of electrolytic copper for good conductivity and has tin plating for corrosion resistance

Withstands a maximum temperature of 347 degrees F (175 degrees C) for bare terminals

600V-rated for building wire and 1000V for signs, fixtures or luminaires

UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Barrel Inside Diameter: 0.135 Inch

Barrel Length (Imperial): 0.25 Inch

Barrel Style: Butted

CSA File Number: LR22190

Clearance (C): 0.29 Inch

Connection Width (Imperial): 0.112 in, 0.138 in, 0.164 in, 0.19 in, 0.25 in

Connection Width (Metric): 2.845 mm, 3.5 mm, 4.166 mm, 4.826 mm, 6.35 mm

Dimension E: 0.54 Inch

Insulation Material: Non-insulated

Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG

Maximum Conductor Size (Metric): 0.823 mm², 2.08 mm², 5.26 mm²

Maximum Operating Temperature (Celsius): 105 °C

Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 22 AWG

Minimum Conductor Size (Metric): 0.326 mm², 1.31 mm², 3.31 mm²

Minimum Stud Diameter (Imperial): 0.164 in

Minimum Stud Diameter (Metric): 4 mm

Ring Type: Standard

Solution for: Wireless Network: Infrastructure Accessories

Stud Size: #8

Terminal Style: Standard

Terminal Type: Ring

UL File Number: E23438

Units per Case: 500.0

Dimensions and Classifications

Overall Length (Imperial): 0.6 in, 0.68 in, 0.7 in, 0.73 in, 0.74 in, 0.89 in, 0.93 in, 0.96 in

Overall Width (Imperial): 0.25 in, 0.28 in, 0.31 in, 0.33 in, 0.38 in, 0.47 in, 0.53 in, 0.56 in

3M™ Cable Repair Space Web SW-40, 1-1/2 in x 40 in, 50 strips /Case

3M ID 7000057765 UPC 00054007316060

Details

Used in sealing and encapsulating electrical splices
Used with resin filled - closed sealing pouchs
RoHS 2011/65/EU Compliant

Typical properties

Brands: 3M™
Compatible With: Loadbreak Elbow Kit Series 5810

Dimensions and Classifications

Overall Length (Imperial): 40 ft
Overall Length (Metric): 1.016 m
Overall Width (Imperial): 1.5 in
Overall Width (Metric): 38.1 mm

3M™ Cold Shrink QT-II Outdoor Termination Kits 4604 & 4605 Series

Details

For tape shield, wire shield and longitudinally corrugated power cables
High dielectric-constant material regulates the distribution of electric field stress
Suitable for outdoor, weather exposed applications
Silicone rubber insulation is track-resistance and hydrophobic
Silicone cold shrink application provides constant radial pressure, "living seal"
Withstands voltages up to 46kV and is 250kV BIL-rated
Meets IEEE Standard 48, Class 1 for outdoor, weather-exposed applications

Typical properties

Arcing Distance: 30 in
Arcing Distance (Metric): 76.2 cm
BIL: 250 kV
Brands: 3M™
Breakout Boot: No
Cable Insulation Outside Diameter Range: 1.31-2.10 in, 1.80-2.60 in
Cable Insulation Outside Diameter Range (Metric): 33.2-53.4 mm, 45.7-66.1 mm
Cable Shielding: Longitudinally Corrugated (LC), Tape Shield, Wire Shield
Case Quantity: 1
Conductor Sizes (Imperial): 1000 kcmil, 1250 kcmil, 1500 kcmil, 250 kcmil, 300 kcmil, 350 kcmil, 4/0 AWG, 400 kcmil, 500 kcmil, 600 kcmil, 700 kcmil, 750 kcmil, 800 kcmil, 900 kcmil
Creepage Distance: 46 in
Creepage Distance (Metric): 1.17 m
Indoor/Outdoor: Outdoor Skirted
Insulation Level: 100%, 133%
Insulation Outer Diameter (Imperial): 0.69 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in, 1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in, 1.49 in, 1.5 in, 1.51 in, 1.52 in, 1.53 in, 1.54 in, 1.55 in, 1.56 in, 1.57 in, 1.58 in, 1.59 in, 1.6 in, 1.61 in, 1.62 in, 1.63 in, 1.64 in, 1.65 in, 1.66 in, 1.67 in, 1.68 in, 1.69 in, 1.7 in, 1.71 in, 1.72 in, 1.73 in, 1.74 in, 1.75 in, 1.76 in, 1.77 in, 1.78 in, 1.79 in, 1.8 in, 1.81 in, 1.82 in, 1.83 in, 1.84 in, 1.85 in, 1.86 in, 1.87 in, 1.88 in, 1.89 in, 1.9 in, 1.91 in, 1.92 in, 1.93 in, 1.94 in, 1.95 in, 1.96 in, 1.97 in, 1.98 in, 1.99 in, 2 in, 2.01 in, 2.02 in, 2.03 in, 2.04 in, 2.05 in, 2.06 in, 2.07 in, 2.08 in, 2.09 in, 2.1 in, 2.11 in, 2.12 in, 2.13 in, 2.14 in, 2.15 in, 2.16 in, 2.17 in, 2.18 in, 2.19 in, 2.2 in, 2.21 in, 2.22 in, 2.23 in, 2.24 in, 2.25 in, 2.26 in, 2.27 in, 2.28 in, 2.29 in, 2.3 in, 2.31 in, 2.32 in, 2.33 in, 2.34 in, 2.35 in, 2.36 in, 2.37 in, 2.38 in, 2.39 in, 2.4 in, 2.41 in, 2.42 in, 2.43 in, 2.44 in, 2.45 in, 2.46 in, 2.47 in, 2.48 in, 2.49 in, 2.5 in, 2.51 in, 2.52 in, 2.53 in, 2.54 in, 2.55 in, 2.56 in, 2.57 in, 2.58 in, 2.59 in, 2.6 in
Insulation Outer Diameter (Metric): 33.274 mm, 33.528 mm, 33.782 mm, 34.036 mm, 34.29 mm, 34.544 mm, 34.798 mm, 35.052 mm, 35.306 mm, 35.56 mm, 35.814 mm, 36.068 mm, 36.322 mm, 36.576 mm, 36.83 mm, 37.084 mm, 37.338 mm, 37.592 mm, 37.846 mm, 38.1 mm, 38.354 mm, 38.608 mm, 38.862 mm, 39.116 mm, 39.37 mm, 39.624 mm, 39.878 mm, 40.132 mm, 40.386 mm, 40.64 mm, 40.894 mm, 41.148 mm, 41.402 mm, 41.656 mm, 41.91 mm, 42.164 mm, 42.418 mm, 42.672 mm, 42.926 mm, 43.18 mm, 43.434 mm, 43.688 mm, 43.942 mm

mm, 44.196 mm, 44.45 mm, 44.704 mm, 44.958 mm, 45.212 mm, 45.466 mm, 45.72 mm, 45.974 mm, 46.228 mm, 46.482 mm, 46.736 mm, 46.99 mm, 47.244 mm, 47.498 mm, 47.752 mm, 48.006 mm, 48.26 mm, 48.514 mm, 48.768 mm, 49.022 mm, 49.276 mm, 49.53 mm, 49.784 mm, 50.038 mm, 50.292 mm, 50.546 mm, 50.8 mm, 51.054 mm, 51.308 mm, 51.562 mm, 51.816 mm, 52.07 mm, 52.324 mm, 52.578 mm, 52.832 mm, 53.086 mm, 53.34 mm, 53.594 mm, 53.848 mm, 54.102 mm, 54.356 mm, 54.61 mm, 54.864 mm, 55.118 mm, 55.372 mm, 55.626 mm, 55.88 mm, 56.134 mm, 56.388 mm, 56.642 mm, 56.896 mm, 57.15 mm, 57.404 mm, 57.658 mm, 57.912 mm, 58.166 mm, 58.42 mm, 58.674 mm, 58.928 mm, 59.182 mm, 59.436 mm, 59.69 mm, 59.944 mm, 60.198 mm, 60.452 mm, 60.706 mm, 60.96 mm, 61.214 mm, 61.468 mm, 61.722 mm, 61.976 mm, 62.23 mm, 62.484 mm, 62.738 mm, 62.992 mm, 63.246 mm, 63.5 mm, 63.754 mm, 64.008 mm, 64.262 mm, 64.516 mm, 64.77 mm, 65.024 mm, 65.278 mm, 65.532 mm, 65.786 mm, 66.04 mm

Insulation Rejacketing: No

Maximum Conductor Size (Imperial): 1500 kcmil, 600 kcmil

Maximum Conductor Size (Metric): 300 mm², 760 mm²

Maximum Installed Length: 28.0 in

Minimum Conductor Size (Imperial): 4/0 AWG, 600 kcmil

Minimum Conductor Size (Metric): 120 mm², 300 mm²

Number of Conductors: 1

Number of Skirts: 12

Product Series: 4600

Voltage: 46 kV

eClass 14 Classification Group: 27400102

3M™ Molded Rubber QS-II Cable Splice Kits 5411R/5412R Series

Details

1-piece inline splice is perfect to repair damaged JCN or CN cables up to 6 inches

Excellent electrical stress distribution

Molded from specially formulated, peroxide-cured EPDM rubbers

Rated for 15 kV cables

Factory-tested to offer reliability

Meets the requirements of IEEE 404 standards

Typical properties

Cable Shielding: Concentric Neutral (CN), Jacketed Concentric Neutral (JCN)

Case Quantity: 1

Connector Included: CIR-1/0, CIR-1/0 and two 10002, CIR-2, CIR-2/0, CIR-21, CIR-22, CIR-3/0, CIR-4/0, None

Insulation O.D. Range: 0.637 - 0.900 Inch, 0.870 - 1.055 Inch

Insulation Outer Diameter (Imperial): 0.63 in, 0.64 in, 0.65 in, 0.66 in, 0.67 in, 0.68 in, 0.69 in, 0.7 in, 0.71 in, 0.72 in, 0.73 in, 0.74 in, 0.75 in, 0.76 in, 0.77 in, 0.78 in, 0.79 in, 0.8 in, 0.81 in, 0.82 in, 0.83 in, 0.84 in, 0.85 in, 0.86 in, 0.87 in, 0.88 in, 0.89 in, 0.9 in, 0.91 in, 0.92 in, 0.93 in, 0.94 in, 0.95 in, 0.96 in, 0.97 in, 0.98 in, 0.99 in, 1 in, 1.01 in, 1.02 in, 1.03 in, 1.04 in, 1.05 in, 1.06 in

Insulation Outer Diameter (Metric): 16 mm, 16.256 mm, 16.51 mm, 16.764 mm, 17.018 mm, 17.272 mm, 17.526 mm, 17.78 mm, 18.034 mm, 18.288 mm, 18.542 mm, 18.796 mm, 19.05 mm, 19.304 mm, 19.558 mm, 19.812 mm, 20.066 mm, 20.32 mm, 20.574 mm, 20.828 mm, 21.082 mm, 21.336 mm, 21.59 mm, 21.844 mm, 22.098 mm, 22.352 mm, 22.606 mm, 22.86 mm, 23.114 mm, 23.368 mm, 23.622 mm, 23.876 mm, 24.13 mm, 24.384 mm, 24.638 mm, 24.892 mm, 25.146 mm, 25.4 mm, 25.654 mm, 25.908 mm, 26.162 mm, 26.416 mm, 26.67 mm, 26.924 mm

Insulation Outside Diameter Range: 0.637 - 0.900 Inch, 0.870 - 1.055 Inch

Insulation Outside Diameter Range (Metric): 16.3 - 22.9 mm, 22.1 - 26.9 mm

Maximum Conductor Size (Imperial): 1/0 AWG (Stranded), 2 AWG (Stranded), 2/0 AWG (Stranded), 3/0 AWG (Stranded), 4 AWG (Stranded), 4/0 AWG (Stranded)

Maximum Conductor Size (Metric): 120 mm² (Stranded), 25 mm² (Stranded), 35 mm² (Stranded), 50 mm² (Solid), 50 mm² (Stranded), 70 mm² (Stranded), 95 mm² (Stranded)

Number of Conductors: 1

Operating Voltage: 15 kV

Product Series: 5411R & 5412R Series

Product Type: Inline Repair

Splice Type: Inline Repair

Voltage: 25/28 kV

3M™ Cold Shrink QT-III Termination Kit 7620-S-3G, 7680-S-3G & 7690-S-3G Series

Details

Provides a void-free seal to tape shield, wire shield and UniShield® power cables
High dielectric-constant material regulates the distribution of electric field stress
Suitable for outdoor applications
Integrated design allows for easier installation, while sealing compounds provide constant radial pressure

Typical properties

Application: Cable Connection, Cable Termination

Application/Industry: Industrial Construction

BIL: 110 kV, 150 kV, 200 kV, 95 kV

Brands: 3M™

Breakout Boot: Yes

Cable Insulation Outside Diameter Range: 0.33-0.50 in, 0.50-0.70 in, 0.70-0.92 in, 0.92-1.18 in, 1.18-1.52 in, 1.53-1.81 in

Cable Insulation Outside Diameter Range (Metric): 12.7-17.8 mm, 17.8-23.4 mm, 23.4-30.0 mm, 30.0-38.6 mm, 38.8-46.0mm, 8.4-12.7 mm

Cable Shielding: Armored Tape Shield, Tape Shield, Unarmored Tape Shield, UniShield®, Wire Shield

Cable Type: Concentric Neutral (CN), Jacketed Concentric Neutral (JCN), MV-105, MV-90

Case Quantity: 1

Conductor Material: Aluminum, Copper

Conductor Sizes (Imperial): 1 AWG, 1/0 AWG, 1000 kcmil, 2 AWG, 2/0 AWG, 250 kcmil, 3/0 AWG, 300 kcmil, 350 kcmil, 4 AWG, 4/0 AWG, 400 kcmil, 500 kcmil, 6 AWG, 600 kcmil, 700 kcmil, 750 kcmil, 8 AWG, 800 kcmil, 900 kcmil

Connector Included: None

Indoor/Outdoor: Outdoor Skirted

Insulation Level: 100%, 133%

Insulation Outer Diameter (Imperial): 0.33 in, 0.34 in, 0.35 in, 0.36 in, 0.37 in, 0.38 in, 0.39 in, 0.4 in, 0.41 in, 0.42 in, 0.43 in, 0.44 in, 0.45 in, 0.46 in, 0.47 in, 0.48 in, 0.49 in, 0.5 in, 0.51 in, 0.52 in, 0.53 in, 0.54 in, 0.55 in, 0.56 in, 0.57 in, 0.58 in, 0.59 in, 0.6 in, 0.61 in, 0.62 in, 0.63 in, 0.64 in, 0.65 in, 0.66 in, 0.67 in, 0.68 in, 0.69 in, 0.7 in, 0.71 in, 0.72 in, 0.73 in, 0.74 in, 0.75 in, 0.76 in, 0.77 in, 0.78 in, 0.79 in, 0.8 in, 0.81 in, 0.82 in, 0.83 in, 0.84 in, 0.85 in, 0.86 in, 0.87 in, 0.88 in, 0.89 in, 0.9 in, 0.91 in, 0.92 in, 0.93 in, 0.94 in, 0.95 in, 0.96 in, 0.97 in, 0.98 in, 0.99 in, 1 in, 1.01 in, 1.02 in, 1.03 in, 1.04 in, 1.05 in, 1.06 in, 1.07 in, 1.08 in, 1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in, 1.16 in, 1.17 in, 1.18 in, 1.19 in, 1.2 in, 1.21 in, 1.22 in, 1.23 in, 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in, 1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in, 1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in, 1.49 in, 1.5 in, 1.51 in, 1.52 in, 1.53 in, 1.54 in, 1.55 in, 1.56 in, 1.57 in, 1.58 in, 1.59 in, 1.6 in, 1.61 in, 1.62 in, 1.63 in, 1.64 in, 1.65 in, 1.66 in, 1.67 in, 1.68 in, 1.69 in, 1.7 in, 1.71 in, 1.72 in, 1.73 in, 1.74 in, 1.75 in, 1.76 in, 1.77 in, 1.78 in, 1.79 in, 1.8 in, 1.81 in

Insulation Outer Diameter (Metric): 8.382 mm, 8.636 mm, 8.89 mm, 9.144 mm, 9.398 mm, 9.652 mm, 9.906 mm, 10.16 mm, 10.414 mm, 10.668 mm, 10.922 mm, 11.176 mm, 11.43 mm, 11.684 mm, 11.938 mm, 12.192 mm, 12.446 mm, 12.7 mm, 12.954 mm, 13.208 mm, 13.462 mm, 13.716 mm, 13.97 mm, 14.224 mm, 14.478 mm, 14.732 mm, 14.986 mm, 15.24 mm, 15.494 mm, 15.748 mm, 16.002 mm, 16.256 mm, 16.51 mm, 16.764 mm, 17.018 mm, 17.272 mm, 17.526 mm, 17.78 mm, 18.034 mm, 18.288 mm, 18.542 mm, 18.796 mm, 19.05 mm, 19.304 mm, 19.558 mm, 19.812 mm, 20.066 mm, 20.32 mm, 20.574 mm, 20.828 mm, 21.082 mm, 21.336 mm, 21.59 mm, 21.844 mm, 22.098 mm, 22.352 mm, 22.606 mm, 22.86 mm, 23.114 mm, 23.368 mm, 23.622 mm, 23.876 mm, 24.13 mm, 24.384 mm, 24.638 mm, 24.892 mm, 25.146 mm, 25.4 mm, 25.654 mm, 25.908 mm, 26.162 mm, 26.416 mm, 26.67 mm, 26.924 mm, 27.178 mm, 27.432 mm, 27.686 mm, 27.94 mm, 28.194 mm, 28.448 mm, 28.702 mm, 28.956 mm, 29.21 mm, 29.464 mm, 29.718 mm, 29.972 mm, 30.226 mm, 30.48 mm, 30.734 mm, 30.988 mm, 31.242 mm, 31.496 mm, 31.75 mm, 32.004 mm, 32.258 mm, 32.512 mm, 32.766 mm, 33.02 mm, 33.274 mm, 33.528 mm, 33.782 mm, 34.036 mm, 34.29 mm, 34.544 mm, 34.798 mm, 35.052 mm, 35.306 mm, 35.56 mm, 35.814 mm, 36.068 mm, 36.322 mm, 36.576 mm, 36.83 mm, 37.084 mm, 37.338 mm, 37.592 mm, 37.846 mm, 38.1 mm, 38.354 mm, 38.608 mm, 38.862 mm, 39.116 mm, 39.37 mm, 39.624 mm, 39.878 mm, 40.132 mm, 40.386 mm, 40.64 mm, 40.894 mm, 41.148 mm, 41.402 mm, 41.656 mm, 41.91 mm, 42.164 mm, 42.418 mm, 42.672 mm, 42.926 mm, 43.18 mm, 43.434 mm, 43.688 mm, 43.942 mm, 44.196 mm, 44.45 mm, 44.704 mm, 44.958 mm, 45.212 mm, 45.466 mm, 45.72 mm, 45.974 mm

Insulation Outside Diameter Range: 0.64 - 1.01 Inch, 0.84 - 1.38 Inch, 1.07 - 1.70 Inch

Insulation Outside Diameter Range (Metric): 16.3 - 25.7 mm, 21.3 - 35.1 mm, 27.2 - 43.2 mm

Insulation Rejacketing: Yes

Lug/Stem Connector Included in Kit: No

Maximum Cable Outside Diameter: 4.50 Inch, 3.90 Inch, 3.30 Inch, 2.20 Inch, 2.80 Inch, 5.40 in

Maximum Cable Outside Diameter (Metric): 114.3 mm, 137.2 mm, 55.9 mm, 71.1 mm, 83.8 mm, 99.1 mm

Maximum Conductor Size (Imperial): 3/0 AWG, 400 kcmil, 641 kcmil

Maximum Conductor Size (Metric): 185 mm², 325 mm², 95 mm²

Maximum Installed Length: 10.50 in, 12.25 in, 20.50 in, 21.50 in, 9.80 in

Maximum Installed Length (Metric): 311 mm, Termination only (not including RJS sleeving or Break-out boot: 546mm)

Minimum Conductor Size (Imperial): 2 AWG, 250 kcmil, 3/0 AWG

Minimum Conductor Size (Metric): 120 mm², 35 mm², 95 mm²

Number of Conductors: 3

Number of Skirts: 2 , 4 , 8

Product Color: Gray

Product Series: 3G, 7600-3G, 7600-S-3G

Product Type: Splice

Splice Type: Inline

Type: Cold Shrink QT-III

Typical Splice Length: 28 in, 29 in, 33 in

Typical Splice Length (Metric): 711 mm, 736 mm, 838 mm

Units per Case: 1.0

Voltage: 15 kV, 25 kV, 35 kV, 5 kV, 8 kV

Voltage Application: Medium Voltage
eClass 14 Classification Group: 27400102

3M™ Cold Shrink QS4 Integrated Splice Kits 25-TS Series

Details

Inline splice for joining tape shield, wire shield, UniShield® and LC power cables
Special-electrode design reduces electrical stress at critical cable and splice interface

Designed for feeder and distribution circuits, size transition splicing, direct-burial installations and submerged locations

Rated for 25/28 kV applications

Withstands a temperature range of 221 to 284 °F (105 to 140 °C)

Typical properties

Cable Shielding: Longitudinally Corrugated (LC), Tape Shield, UniShield®, Wire Shield

Conductor Material: Aluminum, Copper

Conductor Sizes (Imperial): 1 AWG, 1/0 AWG, 1000 kcmil, 2/0 AWG, 250 kcmil, 3/0 AWG, 350 kcmil, 4/0 AWG, 400 kcmil, 500 kcmil, 600 kcmil, 700 kcmil, 750 kcmil, 800 kcmil, 900 kcmil

Insulation Level: 1.33, 100%, 133%

Insulation Outer Diameter (Imperial): 0.84 in, 0.85 in, 0.86 in, 0.87 in, 0.88 in, 0.89 in, 0.9 in, 0.91 in, 0.92 in, 0.93 in, 0.94 in, 0.95 in, 0.96 in, 0.97 in, 0.98 in, 0.99 in, 1 in, 1.01 in, 1.02 in, 1.03 in, 1.04 in, 1.05 in, 1.06 in, 1.07 in, 1.08 in, 1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in, 1.16 in, 1.17 in, 1.18 in, 1.19 in, 1.2 in, 1.21 in, 1.22 in, 1.23 in, 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in, 1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in, 1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in, 1.49 in, 1.5 in, 1.51 in, 1.52 in, 1.53 in, 1.54 in, 1.55 in, 1.56 in, 1.57 in, 1.58 in, 1.59 in, 1.6 in, 1.61 in, 1.62 in, 1.63 in, 1.64 in, 1.65 in, 1.66 in, 1.67 in, 1.68 in, 1.69 in, 1.7 in, 1.71 in, 1.72 in, 1.73 in, 1.74 in, 1.75 in, 1.76 in, 1.77 in, 1.78 in, 1.79 in, 1.8 in, 1.81 in, 1.82 in, 1.83 in, 1.84 in, 1.85 in, 1.86 in, 1.87 in, 1.88 in, 1.89 in, 1.9 in, 1.91 in, 1.92 in, 1.93 in, 1.94 in, 1.95 in, 1.96 in, 1.97 in, 1.98 in, 1.99 in, 2 in, 2.01 in, 2.02 in, 2.03 in, 2.04 in, 2.05 in, 2.06 in, 2.07 in

Insulation Outside Diameter Range: 0.84 - 1.36 Inch, 1.07 - 1.70 Inch

Insulation Outside Diameter Range (Metric): 21.3 - 34.5 mm, 27.4 - 43.2 mm

Number of Conductors: 1

Product Series: QS4

Splice Type: Cold Shrink

Voltage: 25/28 kV

eClass 14 Classification Group: 27400107

3M™ Cold Shrink QS-III 3/C Armored or Non-Armored Cable Splice Kits 5786A-MT, 5787A-MT & 5788A-MT

Details

Splices shielded cables

Silicon rubber-splice body provides good high- or low-temperature performance and Armorcast™ jacket offers mechanical protection

Suitable for use with 10000 and 20000 Series connectors or other UL Listed inline compression connectors

Solderless ground braid offers constant force spring connection

Rated for 25/28 kV applications

Typical properties

Cable Shielding: Non-Armored Shielded, Shielded Armored

Conductor Material: Aluminum, Copper

Conductor Sizes (Imperial): 1 AWG, 1/0 AWG, 1000 kcmil, 2/0 AWG, 250 kcmil, 3/0 AWG, 300 kcmil, 350 kcmil, 4/0 AWG, 400 kcmil, 500 kcmil, 600 kcmil, 650 kcmil, 700 kcmil, 750 kcmil, 800 kcmil, 900 kcmil

Insulation Level: 1.33, 100%, 133%

Insulation Outer Diameter (Imperial): 0.84 in, 0.85 in, 0.86 in, 0.87 in, 0.88 in, 0.89 in, 0.9 in, 0.91 in, 0.92 in, 0.93 in, 0.94 in, 0.95 in, 0.96 in, 0.97 in, 0.98 in, 0.99 in, 1 in, 1.01 in, 1.02 in, 1.03 in, 1.04 in, 1.05 in, 1.06 in, 1.07 in, 1.08 in, 1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in, 1.16 in, 1.17 in, 1.18 in, 1.19 in, 1.2 in, 1.21 in, 1.22 in, 1.23 in, 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in, 1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in, 1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in, 1.49 in, 1.5 in, 1.51 in, 1.52 in, 1.53 in, 1.54 in, 1.55 in, 1.56 in, 1.57 in, 1.58 in, 1.59 in, 1.6 in, 1.61 in, 1.62 in, 1.63 in, 1.64 in, 1.65 in, 1.66 in, 1.67 in, 1.68 in, 1.69 in, 1.7 in, 1.71 in, 1.72 in, 1.73 in, 1.74 in, 1.75 in, 1.76 in, 1.77 in, 1.78 in, 1.79 in, 1.8 in, 1.81 in, 1.82 in, 1.83 in, 1.84 in, 1.85 in, 1.86 in, 1.87 in, 1.88 in, 1.89 in, 1.9 in, 1.91 in, 1.92 in, 1.93 in, 1.94 in, 1.95 in, 1.96 in, 1.97 in, 1.98 in, 1.99 in, 2 in, 2.01 in, 2.02 in, 2.03 in, 2.04 in, 2.05 in, 2.06 in, 2.07 in

Number of Conductors: 3

Splice Type: Cold Shrink

Voltage: 25/28 kV

eClass 14 Classification Group: 27400107

3M™ Scotchlok™ Nylon Insulated with Insulation Grip Female Disconnects

Details

Allows for quick and easy disconnect of wires
Made of durable brass for good conductivity and has corrosion-resistant tin plating
Withstands a temperature range of -40 to 221 degrees F (-40 to 105 degrees C)
Rated 600V for building wire and 1000V for signs, fixtures or luminaires
UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Barrel Inside Diameter: 0.175 Inch,0.080 Inch,0.085 Inch,0.08 Inch
Barrel Length (Imperial): 0.25 Inch,0.19 Inch
Barrel Style: Butted
Bullet Diameter: 0.156
CSA File Number: LR22190
Connection Type: Wire
Connection Width (Imperial): 0.11 in, 0.187 in, 0.25 in, 0.375 in
Connection Width (Metric): 2.794 mm, 4.75 mm, 6.35 mm, 9.525 mm
Connector / Connector Tool: Connector
Connector Style: Insulation Displacement
Diameter (D): 0.25 Inch,0.23 Inch
Disconnect Type: Female
Fastener Orientation: Female
Flame Retardant: No
Grease Filling Against Corrosion: No
Insulation Color: Blue, Red
Insulation Material: Nylon with Insulation Grip
Interrupt Free Shifting: No
Material: ETP Copper
Mates with Female Width: 0.110 Inch, 0.187 Inch, 0.25 Inch, 0.250 Inch, 0.375 Inch
Mates with Male Tab Width (W'): 0.110 Inch, 0.187 Inch, 0.25 Inch, 0.375 Inch
Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG
Maximum Conductor Size (Metric): 1 mm², 2.5 mm², 6 mm²
Maximum Insulation Outer Diameter (Imperial): 0.145 in, 0.16 in, 0.2 in, 0.25 in
Maximum Insulation Outer Diameter (Metric): 3.7 mm
Maximum Insulation Outside Diameter: 0.145 in
Maximum Operating Temperature (Celsius): 105 °C
Maximum Operating Temperature (Fahrenheit): 221 °F
Maximum Recommended Voltage Rating: 600 V
Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 22 AWG
Minimum Conductor Size (Metric): .34 mm², 1.5 mm², 4 mm²
Operating Temperature Range (Celsius): -40 °C to 105 °C
Pad Width: 0.187 in, 0.25 in, 0.375 in
Product Color: Blue, Red
Product Type: Disconnect
Tab Width: 0.250,0.187

Terminal Style: Disconnect, Standard
Terminal Type: Disconnect
UL File Number: E70512
Units per Case: 500.0,1000.0
eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Diameter (Imperial): 0.23 in, 0.25 in
Overall Diameter (Metric): 0.64 cm
Overall Length (Imperial): 0.77 in, 0.86 in, 1.23 in
Overall Length (Metric): 21.84 mm
Overall Width (Imperial): 0.37 in

3M™ Scotchlok™ Vinyl Insulated Brazed Seam Ring Tongues

Details

Funnel-designed, polyvinyl chloride sleeve offers easy insertion of wires
Standard-style ring tongue fits around the stud
Made of electrolytic copper for good conductivity and has tin plating for corrosion resistance
Withstands a temperature range of -40 to 221 degrees F (-40 to 105 degrees C)
600V-rated for building wire and 1000V for signs, fixtures or luminaires
UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Barrel Inside Diameter: 0.135 Inch
Barrel Length (Imperial): 0.25 Inch
Barrel Style: Brazed
CSA File Number: LR22190
Clearance (C): 0.29 Inch
Connection Width (Imperial): 0.112 in, 0.138 in, 0.164 in, 0.19 in, 0.25 in, 0.315 in, 0.375 in, 0.5 in
Connection Width (Metric): 2.845 mm, 3.5 mm, 4.166 mm, 4.826 mm, 6.35 mm, 8 mm, 9.525 mm, 12.7 mm
Dimension E: 0.84 Inch
Insulation Material: Vinyl
Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG, 8 AWG
Maximum Conductor Size (Metric): 0.823 mm², 2.08 mm², 5.26 mm², 8.37 mm²
Maximum Insulation Outer Diameter (Imperial): 0.25 in
Maximum Operating Temperature (Celsius): 105 °C
Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 22 AWG, 8 AWG
Minimum Conductor Size (Metric): 0.326 mm², 1.31 mm², 3.31 mm², 8.37 mm²
Minimum Stud Diameter (Imperial): 0.19 in
Minimum Stud Diameter (Metric): 5 mm
Product Color: Blue, Red, Yellow
Ring Type: Standard
Solution for: Wireless Network: Infrastructure Accessories
Stud Size: #10
Terminal Style: Standard
Terminal Type: Ring
UL File Number: E23438
Units per Case: 500.0

Dimensions and Classifications

Overall Length (Imperial): 0.8 in, 0.93 in, 1.03 in, 1.08 in, 1.13 in, 1.26 in, 1.5 in
Overall Length (Metric): 20.32 mm, 23.62 mm, 23.622 mm, 26.16 mm, 27.43 mm, 28.7 mm, 32 mm, 32.004 mm
Overall Width (Imperial): 0.25 in, 0.31 in, 0.38 in, 0.47 in, 0.53 in, 0.54 in, 0.56 in, 0.75 in
Overall Width (Metric): 6.35 mm, 7.87 mm, 7.874 mm, 9.65 mm, 11.93 mm, 13.46 mm, 13.462 mm, 13.71 mm, 14.22 mm

3M™ Heat Shrink Tubing SMS

Details

Specially designed for automotive wire harnesses
Flame-retardant
Suitable for insulation of RV, truck, tractor, heavy equipment and marine wire splices, in-line components, fusible links and terminals
Made of semi-rigid polyolefin with colored squares
Withstands temperatures of -67 to 230 degrees F (-55 to 110 degrees C)
RoHS 2011/65/EU Compliant

Typical properties

Applicable SAE-AMS-DTL-23053 Specifications: 23053/4 class 3
Color Coded: Green, Orange, Red, White, Yellow
Elongation: 350 %
Expanded Inner Diameter: 0.22 in, 0.3 in, 0.35 in, 0.45 in, 0.7 in
Flammability Rating: Self-Extinguishing
Heat Shrink Type: Adhesive-Lined Polyolefin Heat Shrink Tubing
Inner Diameter After Shrink (Imperial): 0.045 in, 0.06 in, 0.08 in, 0.105 in, 0.175 in
Inner Diameter After Shrink (Metric): 1.14 mm, 1.53 mm, 2.03 mm, 2.67 mm, 4.44 mm
Inner Diameter Before Shrink (Imperial): 0.22 in, 0.3 in, 0.35 in, 0.45 in, 0.7 in
Inner Diameter Before Shrink (Metric): 5.59 mm, 7.62 mm, 8.89 mm, 11.43 mm, 17.78 mm
Material: Adhesive-lined, Semi-rigid Polyolefin
Maximum Operating Temperature (Celsius): 110 °C
Maximum Operating Temperature (Fahrenheit): 230 °F
Mil Spec: AMS-DTL-23053/4, Class 3
Non-Corrosive: Yes
Operating Temperature Range (Celsius): -55 °C to +135 °C
Product Color: Green, Orange, Red, White, Yellow
Recovered Inner Diameter: 0.045 in, 0.06 in, 0.08 in, 0.105 in, 0.175 in
Shrink Ratio: 4:1
Tensile Strength (Imperial): 1900 Pound-Force Per Square Inch
Tubing Type: Adhesive-Lined, Environmental Protection Sleeve-Semi Rigid
eClass 14 Classification Group: 27400105

Dimensions and Classifications

Overall Length (Imperial): 48 in

3M™ Heat Shrink Tubing VTN-200

Details

Highly resistant to cut-through and abrasion
Designed to withstand various fuels, lubricants, acids and highly corrosive fluids
Suitable for synthetic fuel and hydraulic oil-resistant applications and high-temperature coverings
Made of black flexible fluoroelastomer
Withstands temperatures of -67 to 392 degrees F (-55 to 200 degrees C)
Flame-retardant

Typical properties

Agency Approvals: AMS-R46846 Type 3 class 1, CSA Certified
Applicable SAE-AMS-DTL-23053 Specifications: 23053/13
Dielectric Strength: 500 V/mil
Elongation: 450 %
Expanded Inner Diameter: 0.125 in, 0.187 in, 0.25 in, 0.5 in, 0.75 in, 1 in, 1.25 in, 1.5 in, 2 in
Expanded Inner Diameter (Metric): 12.70 mm, 19.05 mm, 25.40 mm, 31.75 mm, 38.1 mm, 47.5 mm, 50.8 mm, 6.35 mm
Flammability Rating: Self-Extinguishing
Heat Shrink Type: Specialty Polymer Tubing
Inner Diameter After Shrink (Imperial): 0.062 in, 0.093 in, 0.125 in, 0.25 in, 0.375 in, 0.42 in, 0.438 in, 0.5 in, 0.75 in, 1 in, 2.5 in
Inner Diameter After Shrink (Metric): 1.57 mm, 2.36 mm, 3.18 mm, 4.75 mm, 6.35 mm, 6.35 mm, 9.53 mm, 10.58 mm, 11.11 mm, 12.7 mm, 19.05 mm, 25.4 mm
Inner Diameter Before Shrink (Imperial): 0.125 in, 0.187 in, 0.25 in, 0.375 in, 0.5 in, 0.75 in, 0.875 in, 1 in, 1.25 in, 1.5 in, 2 in, 5 in
Inner Diameter Before Shrink (Metric): 3.18 mm, 4.75 mm, 6.35 mm, 9.53 mm, 12.7 mm, 12.7 mm, 19.05 mm, 22.23 mm, 25.4 mm, 31.75 mm, 38.1 mm, 50.8 mm
Material: Fluoroelastomer
Maximum Operating Temperature (Celsius): 200 °C
Maximum Operating Temperature (Fahrenheit): 392 °F
Mil Spec: AMS-DTL-23053/13
Minimum Expanded Tubing I. D.: 1 in, 1.25 in, 1.5 in, 2 in, 3 in, 5 in, 7 in
Non-Corrosive: Yes
Operating Temperature Range (Celsius): -55 °C to +200 °C
Operating Temperature Range (Fahrenheit): -67 °F to 392 °F
Product Color: Black
Recovered Inner Diameter: 0.44 in, 0.625 in, 1 in, 3 in, 5 in
Recovered Inner Diameter (Metric): 15.88 mm
Recovered Wall Thickness: 0.055 in
Shrink Ratio: 2:1
Tensile Strength (Imperial): 2400 Pound-Force Per Square Inch
Tubing Type: Special Purpose, Fluoroelastomer
UL File Number: E-39100
eClass 14 Classification Group: 27400105

Dimensions and Classifications

Overall Length (Imperial): 50 ft, 100 ft, 200 ft

3M™ Cable Stackers

Details

Centers multiple cables on framing members
Offers convenient space management and aids in identification
Features durable plastic construction
RoHS 2011/65/EU Compliant

Typical properties

Cable Management Products: Cable Stackers
Cable Tie Type: Stacker
Maximum Insulation Outer Diameter (Metric): 3.7 mm
Maximum Insulation Outside Diameter: 0.145 in
Maximum Operating Temperature (Celsius): 90 °C
Package Quantity: 25
Units per Case: 250.0
eClass 14 Classification Group: 15090300

Dimensions and Classifications

Overall Length (Imperial): 3.84 in
Overall Length (Metric): 97.5 mm
Overall Width (Imperial): 1.19 in
Overall Width (Metric): 30.2 mm

3M™ Cold Shrink Inline Splice Kits 5740 Series

Details

Designed for use with 10000, 11000 and 20000 Series inline compression connectors

The rubber mastic filler removes time-consuming penciling of cable insulation

Perfect for splicing non-shielded, wet/dry solid dielectric power cables

Rated for 5/8 kV applications

RoHS 2011/65/EU Compliant

Typical properties

Brands: 3M™

Cable Shielding: Non-shielded

Case Quantity: 1

Conductor Material: Aluminum, Copper

Conductor Sizes (Imperial): 1000 kcmil, 300 kcmil, 4 AWG

Conductor Sizes (Metric): 150 mm², 25 mm², 500 mm²

Insulation Level: 100%, 133%

Insulation Outer Diameter (Imperial): 0.38 in, 0.39 in, 0.4 in, 0.41 in, 0.42 in, 0.43 in, 0.44 in, 0.45 in, 0.46 in, 0.47 in, 0.48 in, 0.49 in, 0.5 in, 0.51 in, 0.52 in, 0.53 in, 0.54 in, 0.55 in, 0.56 in, 0.57 in, 0.58 in, 0.59 in, 0.6 in, 0.61 in, 0.62 in, 0.63 in, 0.64 in, 0.65 in, 0.66 in, 0.67 in, 0.68 in, 0.69 in, 0.7 in, 0.71 in, 0.72 in, 0.73 in, 0.74 in, 0.75 in, 0.76 in, 0.77 in, 0.78 in, 0.79 in, 0.8 in, 0.81 in, 0.82 in, 0.83 in, 0.84 in, 0.85 in, 0.86 in, 0.87 in, 0.88 in, 0.89 in, 0.9 in, 0.91 in, 0.92 in, 0.93 in, 0.94 in, 0.95 in, 0.96 in, 0.97 in, 0.98 in, 0.99 in, 1 in, 1.01 in, 1.02 in, 1.03 in, 1.04 in, 1.05 in, 1.06 in, 1.07 in, 1.08 in, 1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in, 1.16 in, 1.17 in, 1.18 in, 1.19 in, 1.2 in, 1.21 in, 1.22 in, 1.23 in, 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in, 1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in, 1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in, 1.49 in, 1.5 in, 1.51 in, 1.52 in, 1.53 in, 1.54 in, 1.55 in, 1.56 in, 1.57 in, 1.58 in, 1.59 in, 1.6 in, 1.61 in, 1.62 in, 1.63 in, 1.64 in, 1.65 in, 1.66 in, 1.67 in, 1.68 in, 1.69 in, 1.7 in, 1.71 in, 1.72 in, 1.73 in, 1.74 in, 1.75 in, 1.76 in, 1.77 in, 1.78 in, 1.79 in, 1.8 in, 1.81 in, 1.82 in, 1.83 in, 1.84 in, 1.85 in, 1.86 in, 1.87 in, 1.88 in, 1.89 in, 1.9 in, 1.91 in, 1.92 in, 1.93 in, 1.94 in, 1.95 in, 1.96 in, 1.97 in, 1.98 in, 1.99 in, 2 in, 2.01 in, 2.02 in, 2.03 in, 2.04 in, 2.05 in, 2.06 in, 2.07 in, 2.08 in, 2.09 in, 2.1 in

Insulation Outer Diameter (Metric): 9.652 mm, 9.906 mm, 10.16 mm, 10.414 mm, 10.668 mm, 10.922 mm, 11.176 mm, 11.43 mm, 11.684 mm, 11.938 mm, 12.192 mm, 12.446 mm, 12.7 mm, 12.954 mm, 13.208 mm, 13.462 mm, 13.716 mm, 13.97 mm, 14.224 mm, 14.478 mm, 14.732 mm, 14.986 mm, 15.24 mm, 15.494 mm, 15.748 mm, 16.002 mm, 16.256 mm, 16.51 mm, 16.764 mm, 17.018 mm, 17.272 mm, 17.526 mm, 17.78 mm, 22.86 mm, 23.114 mm, 23.368 mm, 23.622 mm, 23.876 mm, 24.13 mm, 24.384 mm, 24.638 mm, 24.892 mm, 25.146 mm, 25.4 mm, 25.654 mm, 25.908 mm, 26.162 mm, 26.416 mm, 26.67 mm, 26.924 mm, 27.178 mm, 27.432 mm, 27.686 mm, 27.94 mm, 28.194 mm, 28.448 mm, 28.702 mm, 28.956 mm, 29.21 mm, 29.464 mm, 29.718 mm, 29.972 mm, 30.226 mm, 30.48 mm, 30.734 mm, 30.988 mm, 31.242 mm, 31.496 mm, 31.75 mm, 32.004 mm, 32.258 mm, 32.512 mm, 32.766 mm, 33.02 mm, 33.274 mm, 33.528 mm, 33.782 mm, 34.036 mm, 34.29 mm, 34.544 mm, 34.798 mm, 35.052 mm,

35.306 mm, 35.56 mm, 35.814 mm, 36.068 mm, 36.322 mm, 36.576 mm, 36.83 mm, 37.084 mm, 37.338 mm, 37.592 mm, 37.846 mm, 38.1 mm, 38.354 mm, 38.608 mm, 38.862 mm, 39.116 mm, 39.37 mm, 39.624 mm, 39.878 mm, 40.132 mm, 40.386 mm, 40.64 mm, 40.894 mm, 41.148 mm, 41.402 mm, 41.656 mm, 41.91 mm, 42.164 mm, 42.418 mm, 42.672 mm, 42.926 mm, 43.18 mm, 43.434 mm, 43.688 mm, 43.942 mm, 44.196 mm, 44.45 mm, 44.704 mm, 44.958 mm, 45.212 mm, 45.466 mm, 45.72 mm, 45.974 mm, 46.228 mm, 46.482 mm, 46.736 mm, 46.99 mm, 47.244 mm, 47.498 mm, 47.752 mm, 48.006 mm, 48.26 mm, 48.514 mm, 48.768 mm, 49.022 mm, 49.276 mm, 49.53 mm, 49.784 mm, 50.038 mm, 50.292 mm, 50.546 mm, 50.8 mm, 51.054 mm, 51.308 mm, 51.562 mm, 51.816 mm, 52.07 mm, 52.324 mm, 52.578 mm, 52.832 mm, 53.086 mm, 53.34 mm

Insulation/Jacket O.D. Range: 0.38 - 0.70 in, 0.63 - 1.20 in, 0.90 - 2.10 in

Insulation/Jacket O.D. Range (Metric): 16.0 - 30.5 mm, 22.9 - 53.3 mm, 9.7 - 17.8 mm

Maximum Conductor Size (Imperial): 1000 kcmil (Copper), 300 kcmil, 4 AWG, 750 kcmil (Aluminum)

Maximum Conductor Size (Metric): 240 mm², 25 mm², 400 mm² (Aluminum), 500 mm² (Copper)

Maximum Connector Length: 2.5 inch, 4.25 inch, 6.25 inch

Maximum Connector Length (Cu or Al): 2.5 in, 4.25 in, 6.25 in

Maximum Connector Length (Cu or Al) (Metric): 108.0 mm, 158.8 mm, 63.5 mm

Maximum Connector Length (Metric): 108.0 mm, 158.8 mm, 63.5 mm

Minimum Conductor Size (Imperial): 2 AWG, 350 kcmil (Aluminum), 350 kcmil (Copper), 8 AWG

Minimum Conductor Size (Metric): 10 mm², 185 mm² (Aluminum), 185 mm² (Copper), 35 mm²

Number of Conductors: 1

Product Series: 5740 Series

Splice Type: Inline

Typical Splice Length: 10 in, 12 in, 15 in

Typical Splice Length (Metric): 254 mm, 305 mm, 381 mm

Voltage: 5 kV, 5/8 kV, 8 kV

eClass 14 Classification Group: 27400107

3M™ Heat Shrink Tubing ITCSF

Details

Provides better mechanical protection
Offers shrink-fit electrical insulation
Suitable for insulating electrical splices, connections and terminations
Made of black cross-linked polyolefin
Withstands temperatures of -67 to 230 degrees F (-55 to 110 degrees C)
Flame-retardant

Typical properties

Adhesive Lined: Yes
Agency Approvals: UL 486D
Cable Size Range: 12-6 AWG, 2-4/0 AWG, 250-750 kcmil, 8-1/0 AWG
Expanded Inner Diameter: 1.1 in, 2 in
Expanded Inner Diameter (Metric): 10.2 mm, 20.3 mm, 27.9 mm, 50.8 mm
Flame Retardant: No, Yes
Heat Shrink Type: Adhesive-Lined Polyolefin Heat Shrink Tubing
Inner Diameter After Shrink (Imperial): 0.15 in, 0.2 in, 0.37 in, 0.65 in
Inner Diameter After Shrink (Metric): 3.8 mm, 5.1 mm, 9.4 mm, 16.5 mm
Inner Diameter Before Shrink (Imperial): 0.4 in, 0.8 in, 1.1 in, 2 in
Inner Diameter Before Shrink (Metric): 10.2 mm, 20.3 mm, 27.9 mm, 50.8 mm
Material: Polyolefin
Maximum Operating Temperature (Celsius): 100 °C, 110 °C
Maximum Operating Temperature (Fahrenheit): 230 °F
Minimum Expanded Tubing I. D.: 0.4 in, 0.8 in, 1.1 in, 2 in
Operating Temperature (Celsius): -55 to 100 Degrees Celsius
Operating Temperature (Fahrenheit): -67 °F to 230 °F
Operating Temperature Range (Celsius): -55 °C to 110 °C
Operating Temperature Range (Fahrenheit): -67 °F to 230 °F
Product Color: Black
Recovered Inner Diameter: 0.15 in, 0.2 in, 0.37 in, 0.65 in
Recovered Inner Diameter (Metric): 3.8 mm, 5.1 mm, 9.4 mm, 16.5 mm
Shrink Ratio: 3:1
Solution for: Access Network: FTTH/FTTB/CATV, Access Network: xDSL, Long-haul/Metro Loop Network: Outdoor, Wireless Network: Backhaul
Tubing Type: Heavy Wall
Units per Case: 10.0,20.0,100.0
Voltage: 600 V
Voltage Rating: UL Rated to 600 V (Shall not exceed 1 kV)
eClass 14 Classification Group: 27400105

Dimensions and Classifications

Overall Length (Imperial): 48 in
Overall Length (Metric): 1219 mm

3M™ ScotchCode™ Write-On Wire Marker Book SWB

Details

Self-laminating, write-on markers
Designed for small volume applications involving special or complex legends that are hand written at the job site
Available in four different size options

Typical properties

Adhesive Material: Acrylic
Application: Marking Wire and Cable
Cable Diameter Range: 8,1 - 39,4 mm
Cable Outside Diameter Range: 0.16 - 0.31 inch, 0.24 - 0.31 inch, 0.32 - 0.58 inch, 0.32 - 1.55 inch
Cable Outside Diameter Range (Metric): 4-8 mm,8-15 mm,8-39 mm,6-8 mm
Dispenser/Marker Type: Write-On Book
Legend: Blank
Legend Color: White
Marker ID Style: Write-on
Marker Size: 0.5 inch x 1.5 inch, 0.75 inch x 1.75 inch, 1.0 inch x 2.85 inch, 1.0 inch x 5.0 inch
Marker Type: Books
Material: Plastic
Maximum Cable Diameter (Imperial): 0.31 in, 0.58 in, 1.55 in
Maximum Cable Diameter (Metric): 7.8 mm, 8 mm, 14.7 mm, 39.3 mm
Maximum Cable Outside Diameter: 0.16 - 0.31 Inch,0.32 - 1.55 Inch,0.24 - 0.31 Inch,0.32 - 0.58 Inch
Maximum Insulation Outer Diameter (Metric): 3.7 mm
Maximum Insulation Outside Diameter: 0.145 in
Maximum Operating Temperature (Celsius): 49 °C
Maximum Operating Temperature (Fahrenheit): 120 °F
Maximum Outside Diameter: 0.58 in (14.7 mm),0.31 in (7.8 mm),1.55 in (39.3 mm)
Maximum Recommended Voltage Rating: 600 V
Minimum Cable Diameter (Imperial): 0.16 in, 0.24 in, 0.32 in
Minimum Cable Diameter (Metric): 4 mm, 6 mm, 8 mm
Operating Temperature Range (Celsius): -40 °C to 121 °C
Printed Text Type: Write-on
Product Color: White
Product Type: Identification
Refill: Tape Roll
Solution for: Access Network: FTTH/FTTB/CATV, Access Network: xDSL, Long-haul/Metro Loop Network: CO/POP, Long-haul/Metro Loop Network: Outdoor, Wireless Network: Backhaul
Tape Color: White
UV Resistant: No
Units per Case: 5.0
Wire Marker Products: Wire Marker Books
With Label Space: Yes

Write-on Area Size (Imperial): 0.50 inch x 0.50 inch, 0.75 inch x 0.75 inch, 1.0 inch x 1.0 inch

Dimensions and Classifications

Overall Length (Metric): 2.43 m

Overall Width (Metric): 5.46 mm, 25 mm

3M™ Scotchlok™ Electrical IDC 902, 50 per pouch, 500/Case

3M ID 7100177012 UPC 00054007061199

Details

Brown polypropylene-insulated connector
Brass element construction for good conductivity and tin plating for corrosion resistance
Accommodates 12 AWG solid/stranded, 10 AWG stranded
UL Listed and RoHS 2011/65/EU Compliant

Typical properties

Brands: Scotchlok™
Maximum Operating Temperature (Celsius): 105 °C
Maximum Operating Temperature (Fahrenheit): 221 °F
Moisture Resistant: No
Product Type: Connector
eClass 14 Classification Group: 27400215

3M™ Aluminum Transition Connectors CI-T Series

Details

Transition connector used with 3M 5411 and 3M 5501 splice kits
10/case

Typical properties

Body Material: Aluminum

Case Quantity: 10

Compatible With: 3M™ Molded Rubber QS-II Cable Splice 5411 and 3M™
Molded Rubber QS-II Cable Splice 5501

Connector Base Metal: Aluminum

Connector Type: Transition Compression Connectors

Electrical Connector Type: Compression Connectors

For Use With: Aluminum or Copper Conductors

Maximum Conductor Size (Imperial): 1 AWG, 1/0 AWG, 2 AWG, 4/0 AWG

Maximum Conductor Size (Metric): 120 mm², 35 mm², 50 mm²

Maximum Operating Voltage: 35 Kilovolt

Minimum Conductor Size (Imperial): 1 AWG, 2 AWG, 3/0 AWG, 4 AWG

Minimum Conductor Size (Metric): 25 mm², 35 mm², 50 mm², 95 mm²

Outer Diameter (Imperial): 0.64 in, 0.91 in

eClass 14 Classification Group: 27400212

3M™ Cold Shrink QT-II Outdoor Termination Kits 5630K Series

Details

One-piece cold shrink termination
High dielectric-constant material regulates the distribution of electric field stress
Suitable for outdoor, weather exposed applications
Silicone rubber insulation is track-resistance and hydrophobic
Silicone cold shrink application provides constant radial pressure, "living seal"
Withstands voltages of 5 to 15kV and is 110 kV BIL-rated
Includes three 4-skirt, 1-piece, cold shrink terminations
Meets IEEE Standard 48, Class 1 for outdoor, weather-exposed applications

Typical properties

Application: Cable Termination
BIL: 110 kV
Brands: 3M™
Breakout Boot: No
Cable Insulation Outside Diameter Range: 0.33-0.69 in, 0.64-0.90 in, 0.84-1.33 in, 1.10-1.65 in, 1.30-1.95 in
Cable Insulation Outside Diameter Range (Metric): 16.3-22.9 mm, 21.3-33.8 mm, 27.9-41.9 mm, 33.0-49.5 mm, 8.4-17.5 mm
Cable Shielding: Tape Shield, UniShield®, Wire Shield, Wire-Over-Tape Shield
Case Quantity: 1
Conductor Sizes (Imperial): 1 AWG, 1/0 AWG, 1000 kcmil, 1250 kcmil, 1500 kcmil, 1750 kcmil, 2 AWG, 2/0 AWG, 2000 kcmil, 250 kcmil, 3/0 AWG, 300 kcmil, 350 kcmil, 4 AWG, 4/0 AWG, 400 kcmil, 500 kcmil, 6 AWG, 600 kcmil, 700 kcmil, 750 kcmil, 8 AWG, 800 kcmil, 900 kcmil
Indoor/Outdoor: Outdoor Skirted
Insulation Level: 100%, 133%
Insulation Outer Diameter (Imperial): 0.33 in, 0.34 in, 0.35 in, 0.36 in, 0.37 in, 0.38 in, 0.39 in, 0.4 in, 0.41 in, 0.42 in, 0.43 in, 0.44 in, 0.45 in, 0.46 in, 0.47 in, 0.48 in, 0.49 in, 0.5 in, 0.51 in, 0.52 in, 0.53 in, 0.54 in, 0.55 in, 0.56 in, 0.57 in, 0.58 in, 0.59 in, 0.6 in, 0.61 in, 0.62 in, 0.63 in, 0.64 in, 0.65 in, 0.66 in, 0.67 in, 0.68 in, 0.69 in, 0.7 in, 0.71 in, 0.72 in, 0.73 in, 0.74 in, 0.75 in, 0.76 in, 0.77 in, 0.78 in, 0.79 in, 0.8 in, 0.81 in, 0.82 in, 0.83 in, 0.84 in, 0.85 in, 0.86 in, 0.87 in, 0.88 in, 0.89 in, 0.9 in, 0.91 in, 0.92 in, 0.93 in, 0.94 in, 0.95 in, 0.96 in, 0.97 in, 0.98 in, 0.99 in, 1 in, 1.01 in, 1.02 in, 1.03 in, 1.04 in, 1.05 in, 1.06 in, 1.07 in, 1.08 in, 1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in, 1.16 in, 1.17 in, 1.18 in, 1.19 in, 1.2 in, 1.21 in, 1.22 in, 1.23 in, 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in, 1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in, 1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in, 1.49 in, 1.5 in, 1.51 in, 1.52 in, 1.53 in, 1.54 in, 1.55 in, 1.56 in, 1.57 in, 1.58 in, 1.59 in, 1.6 in, 1.61 in, 1.62 in, 1.63 in, 1.64 in, 1.65 in, 1.66 in, 1.67 in, 1.68 in, 1.69 in, 1.7 in, 1.71 in, 1.72 in, 1.73 in, 1.74 in, 1.75 in, 1.76 in, 1.77 in, 1.78 in, 1.79 in, 1.8 in, 1.81 in, 1.82 in, 1.83 in, 1.84 in, 1.85 in, 1.86 in, 1.87 in, 1.88 in, 1.89 in, 1.9 in, 1.91 in, 1.92 in, 1.93 in, 1.94 in, 1.95 in
Insulation Outer Diameter (Metric): 8.382 mm, 8.636 mm, 8.89 mm, 9.144 mm, 9.398 mm, 9.652 mm, 9.906 mm, 10.16 mm, 10.414 mm, 10.668 mm, 10.922 mm, 11.176 mm, 11.43 mm, 11.684 mm, 11.938 mm, 12.192 mm, 12.446 mm,

12.7 mm, 12.954 mm, 13.208 mm, 13.462 mm, 13.716 mm, 13.97 mm, 14.224 mm, 14.478 mm, 14.732 mm, 14.986 mm, 15.24 mm, 15.494 mm, 15.748 mm, 16.002 mm, 16.256 mm, 16.51 mm, 16.764 mm, 17.018 mm, 17.272 mm, 17.526 mm, 17.78 mm, 18.034 mm, 18.288 mm, 18.542 mm, 18.796 mm, 19.05 mm, 19.304 mm, 19.558 mm, 19.812 mm, 20.066 mm, 20.32 mm, 20.574 mm, 20.828 mm, 21.082 mm, 21.336 mm, 21.59 mm, 21.844 mm, 22.098 mm, 22.352 mm, 22.606 mm, 22.86 mm, 23.114 mm, 23.368 mm, 23.622 mm, 23.876 mm, 24.13 mm, 24.384 mm, 24.638 mm, 24.892 mm, 25.146 mm, 25.4 mm, 25.654 mm, 25.908 mm, 26.162 mm, 26.416 mm, 26.67 mm, 26.924 mm, 27.178 mm, 27.432 mm, 27.686 mm, 27.94 mm, 28.194 mm, 28.448 mm, 28.702 mm, 28.956 mm, 29.21 mm, 29.464 mm, 29.718 mm, 29.972 mm, 30.226 mm, 30.48 mm, 30.734 mm, 30.988 mm, 31.242 mm, 31.496 mm, 31.75 mm, 32.004 mm, 32.258 mm, 32.512 mm, 32.766 mm, 33.02 mm, 33.274 mm, 33.528 mm, 33.782 mm, 34.036 mm, 34.29 mm, 34.544 mm, 34.798 mm, 35.052 mm, 35.306 mm, 35.56 mm, 35.814 mm, 36.068 mm, 36.322 mm, 36.576 mm, 36.83 mm, 37.084 mm, 37.338 mm, 37.592 mm, 37.846 mm, 38.1 mm, 38.354 mm, 38.608 mm, 38.862 mm, 39.116 mm, 39.37 mm, 39.624 mm, 39.878 mm, 40.132 mm, 40.386 mm, 40.64 mm, 40.894 mm, 41.148 mm, 41.402 mm, 41.656 mm, 41.91 mm, 42.164 mm, 42.418 mm, 42.672 mm, 42.926 mm, 43.18 mm, 43.434 mm, 43.688 mm, 43.942 mm, 44.196 mm, 44.45 mm, 44.704 mm, 44.958 mm, 45.212 mm, 45.466 mm, 45.72 mm, 45.974 mm, 46.228 mm, 46.482 mm, 46.736 mm, 46.99 mm, 47.244 mm, 47.498 mm, 47.752 mm, 48.006 mm, 48.26 mm, 48.514 mm, 48.768 mm, 49.022 mm, 49.276 mm, 49.53 mm

Insulation Rejacketing: No

Lug/Stem Connector Included in Kit: No

Maximum Installed Length: 12.00 in, 13.25 in, 13.50 in, 13.75 in

Number of Conductors: 1

Number of Skirts: 4

Product Color: Gray

Product Series: 5630K

Voltage: 15 kV, 5 kV, 8 kV

eClass 14 Classification Group: 27400102

3M™ Molded Rubber QS-II Cable Splice Kits 5450 R Series

Details

1-piece, splice for joining JCN and CN distribution class power cables
Designed for use with the special inline compression connector for connecting either aluminum or copper conductors
Suitable for direct-burial, aerial installations and submerged locations
Rated for 25/28 kV applications
Includes 1 each of CIR-1/0A connector, molded rubber-splice body, connector, template, instruction sheet and 2 packets of silicone grease
Withstands a temperature range of 194 to 266 °F (90 to 130 °C)

Typical properties

Cable Shielding: Concentric Neutral (CN), Jacketed Concentric Neutral (JCN)
Case Quantity: 1
Connector Included: CIR-1/0-840, CIR-1/0A, CIR-21-840, CIR-21A
Insulation O.D. Range: 0.870 - 1.055 Inch
Insulation O.D. Range (Metric): 22.1 - 26.8 mm
Insulation Outer Diameter (Imperial): 0.87 in, 0.88 in, 0.89 in, 0.9 in, 0.91 in, 0.92 in, 0.93 in, 0.94 in, 0.95 in, 0.96 in, 0.97 in, 0.98 in, 0.99 in, 1 in, 1.01 in, 1.02 in, 1.03 in, 1.04 in, 1.05 in
Insulation Outer Diameter (Metric): 22.098 mm, 22.352 mm, 22.606 mm, 22.86 mm, 23.114 mm, 23.368 mm, 23.622 mm, 23.876 mm, 24.13 mm, 24.384 mm, 24.638 mm, 24.892 mm, 25.146 mm, 25.4 mm, 25.654 mm, 25.908 mm, 26.162 mm, 26.416 mm, 26.67 mm
Insulation Outside Diameter Range: 0.870 - 1.055 Inch
Insulation Outside Diameter Range (Metric): 22.1 - 26.8 mm
Maximum Conductor Size (Imperial): 1 AWG (Stranded), 1/0 AWG (Stranded)
Maximum Conductor Size (Metric): 50 mm² (Solid), 50 mm² (Stranded)
Minimum Conductor Size (Imperial): 2 AWG (Stranded)
Minimum Conductor Size (Metric): 35 mm² (Stranded)
Number of Conductors: 1
Operating Voltage: 25 kV, 28 kV
Product Series: 5451R Series
Product Type: Inline Repair
Splice Type: Inline Repair
Voltage: 25/28 kV

3M™ Cold Shrink QT-III Termination Kit 7620-S-3W, 7680-S-3W & 7690-S-3W Series

Details

Provides a void-free seal to tape shield, wire shield and UniShield® power cables
High dielectric-constant material regulates the distribution of electric field stress
Suitable for outdoor applications
Integrated design allows for easier installation in limited spaces, while sealing compounds provide constant radial pressure

Typical properties

BIL: 110 kV, 150 kV, 200 kV, 95 kV

Barrel Style: Standard Barrel

Breakout Boot: Yes

Cable Insulation Outside Diameter Range: 0.33-0.50 in, 0.50-0.70 in, 0.70-0.92 in, 0.92-1.18 in, 1.18-1.52 in

Cable Insulation Outside Diameter Range (Metric): 12.7-17.8 mm, 17.8-23.4 mm, 23.4-30.0 mm, 30.0-38.6 mm, 8.4-12.7 mm

Cable Shielding: Tape Shield, UniShield®, Wire Shield, Wire-Over-Tape Shield
Case Quantity: 1

Conductor Sizes (Imperial): 1 AWG, 1/0 AWG, 1000 kcmil, 2 AWG, 2/0 AWG, 250 kcmil, 3/0 AWG, 300 kcmil, 350 kcmil, 4 AWG, 4/0 AWG, 400 kcmil, 500 kcmil, 6 AWG, 600 kcmil, 700 kcmil, 750 kcmil, 8 AWG, 800 kcmil, 900 kcmil

Connector Base Metal: Copper

For Use With: Copper Conductor Only

Indoor/Outdoor: Outdoor Skirted

Inside Diameter (Imperial): 0.2 in

Inside Diameter (Metric): 5.1 mm

Insulation Level: 100%, 133%

Insulation Outer Diameter (Imperial): 0.33 in, 0.34 in, 0.35 in, 0.36 in, 0.37 in, 0.38 in, 0.39 in, 0.4 in, 0.41 in, 0.42 in, 0.43 in, 0.44 in, 0.45 in, 0.46 in, 0.47 in, 0.48 in, 0.49 in, 0.5 in, 0.51 in, 0.52 in, 0.53 in, 0.54 in, 0.55 in, 0.56 in, 0.57 in, 0.58 in, 0.59 in, 0.6 in, 0.61 in, 0.62 in, 0.63 in, 0.64 in, 0.65 in, 0.66 in, 0.67 in, 0.68 in, 0.69 in, 0.7 in, 0.71 in, 0.72 in, 0.73 in, 0.74 in, 0.75 in, 0.76 in, 0.77 in, 0.78 in, 0.79 in, 0.8 in, 0.81 in, 0.82 in, 0.83 in, 0.84 in, 0.85 in, 0.86 in, 0.87 in, 0.88 in, 0.89 in, 0.9 in, 0.91 in, 0.92 in, 0.93 in, 0.94 in, 0.95 in, 0.96 in, 0.97 in, 0.98 in, 0.99 in, 1 in, 1.01 in, 1.02 in, 1.03 in, 1.04 in, 1.05 in, 1.06 in, 1.07 in, 1.08 in, 1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in, 1.16 in, 1.17 in, 1.18 in, 1.19 in, 1.2 in, 1.21 in, 1.22 in, 1.23 in, 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in, 1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in, 1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in, 1.49 in, 1.5 in, 1.51 in, 1.52 in

Insulation Outer Diameter (Metric): 8.382 mm, 8.636 mm, 8.89 mm, 9.144 mm, 9.398 mm, 9.652 mm, 9.906 mm, 10.16 mm, 10.414 mm, 10.668 mm, 10.922 mm, 11.176 mm, 11.43 mm, 11.684 mm, 11.938 mm, 12.192 mm, 12.446 mm, 12.7 mm, 12.954 mm, 13.208 mm, 13.462 mm, 13.716 mm, 13.97 mm, 14.224 mm, 14.478 mm, 14.732 mm, 14.986 mm, 15.24 mm, 15.494 mm, 15.748 mm, 16.002 mm, 16.256 mm, 16.51 mm, 16.764 mm, 17.018 mm, 17.272 mm, 17.526 mm, 17.78 mm, 18.034 mm, 18.288 mm, 18.542 mm, 18.796 mm, 19.05 mm,

19.304 mm, 19.558 mm, 19.812 mm, 20.066 mm, 20.32 mm, 20.574 mm, 20.828 mm, 21.082 mm, 21.336 mm, 21.59 mm, 21.844 mm, 22.098 mm, 22.352 mm, 22.606 mm, 22.86 mm, 23.114 mm, 23.368 mm, 23.622 mm, 23.876 mm, 24.13 mm, 24.384 mm, 24.638 mm, 24.892 mm, 25.146 mm, 25.4 mm, 25.654 mm, 25.908 mm, 26.162 mm, 26.416 mm, 26.67 mm, 26.924 mm, 27.178 mm, 27.432 mm, 27.686 mm, 27.94 mm, 28.194 mm, 28.448 mm, 28.702 mm, 28.956 mm, 29.21 mm, 29.464 mm, 29.718 mm, 29.972 mm, 30.226 mm, 30.48 mm, 30.734 mm, 30.988 mm, 31.242 mm, 31.496 mm, 31.75 mm, 32.004 mm, 32.258 mm, 32.512 mm, 32.766 mm, 33.02 mm, 33.274 mm, 33.528 mm, 33.782 mm, 34.036 mm, 34.29 mm, 34.544 mm, 34.798 mm, 35.052 mm, 35.306 mm, 35.56 mm, 35.814 mm, 36.068 mm, 36.322 mm, 36.576 mm, 36.83 mm, 37.084 mm, 37.338 mm, 37.592 mm, 37.846 mm, 38.1 mm, 38.354 mm, 38.608 mm

Insulation Rejacketing: Yes

Lug/Stem Connector Included in Kit: No

Maximum Conductor Size (Imperial): 6 AWG (Stranded)

Maximum Conductor Size (Metric): 16 mm² (Stranded)

Maximum Installed Length: 10.50 in, 12.25 in, 20.50 in, 9.80 in

Maximum Operating Voltage: 35 Kilovolt

Number of Conductors: 3

Number of Skirts: 2 , 4 , 8

Outer Diameter (Imperial): 0.29 in

Product Color: Blue

Product Series: 7600-3-W, 7600-S-3W

Voltage: 15 kV, 25 kV, 35 kV, 5 kV, 8 kV

Voltage Application: Medium Voltage

eClass 14 Classification Group: 27400102

Dimensions and Classifications

Overall Length (Imperial): 1.75 in

Overall Length (Metric): 44.4 mm

3M™ Cold Shrink QS4 Integrated Splice Kits 35-SP Series

Details

Inline splice for joining JCN, flat strap neutral, tape shield and LC cables
Special-electrode design reduces electrical stress at critical cable and splice interface

Designed for feeder and distribution circuits, size transition splicing, direct-burial installations and submerged locations

Rated for 35 kV cables

Withstands a temperature range of 221 to 284 °F (105 to 140 °C)

Typical properties

Cable Shielding: Jacketed Concentric Neutral (JCN), Longitudinally Corrugated (LC), Tape Shield

Conductor Material: Aluminum, Copper

Conductor Sizes (Imperial): 1/0 AWG, 1000 kcmil, 2/0 AWG, 250 kcmil, 3/0 AWG, 300 kcmil, 350 kcmil, 4/0 AWG, 400 kcmil, 500 kcmil, 600 kcmil, 700 kcmil, 750 kcmil, 800 kcmil, 900 kcmil

Insulation Level: 1.33, 100%, 133%

Insulation Outer Diameter (Imperial): 1.07 in, 1.08 in, 1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in, 1.16 in, 1.17 in, 1.18 in, 1.19 in, 1.2 in, 1.21 in, 1.22 in, 1.23 in, 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in, 1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in, 1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in, 1.49 in, 1.5 in, 1.51 in, 1.52 in, 1.53 in, 1.54 in, 1.55 in, 1.56 in, 1.57 in, 1.58 in, 1.59 in, 1.6 in, 1.61 in, 1.62 in, 1.63 in, 1.64 in, 1.65 in, 1.66 in, 1.67 in, 1.68 in, 1.69 in, 1.7 in, 1.71 in, 1.72 in, 1.73 in, 1.74 in, 1.75 in, 1.76 in, 1.77 in, 1.78 in, 1.79 in, 1.8 in, 1.81 in, 1.82 in, 1.83 in, 1.84 in, 1.85 in, 1.86 in, 1.87 in, 1.88 in, 1.89 in, 1.9 in, 1.91 in, 1.92 in, 1.93 in, 1.94 in, 1.95 in, 1.96 in, 1.97 in, 1.98 in, 1.99 in, 2 in, 2.01 in, 2.02 in, 2.03 in, 2.04 in, 2.05 in, 2.06 in, 2.07 in

Number of Conductors: 1

Splice Type: Cold Shrink

Voltage: 35 kV

eClass 14 Classification Group: 27400107

3M™ Cold Shrink QS4 Integrated Splice Kits 15-JCN Series

Details

Inline splice for joining JCN and flat strap neutral power cables
Special-electrode design reduces electrical stress at critical cable and splice interface
Designed for feeder and distribution circuits, size transition splicing, direct-burial installations and submerged locations
Standard joint includes braid for easy connection to ground
Rated for 15 kV applications
Withstands a temperature range of 221 to 284 °F (105 to 140 °C)

Typical properties

Application: Cable Connection
Cable Shielding: Flat Strap Neutral, Jacketed Concentric Neutral (JCN)
Conductor Material: Aluminum, Copper
Conductor Sizes (Imperial): 1 AWG, 1/0 AWG, 1000 kcmil, 2 AWG, 2/0 AWG, 250 kcmil, 3/0 AWG, 300 kcmil, 350 kcmil, 4/0 AWG, 400 kcmil, 500 kcmil, 600 kcmil, 700 kcmil, 750 kcmil, 800 kcmil, 900 kcmil
Insulation Level: 1.33, 100%, 133%
Insulation Outer Diameter (Imperial): 0.64 in, 0.65 in, 0.66 in, 0.67 in, 0.68 in, 0.69 in, 0.7 in, 0.71 in, 0.72 in, 0.73 in, 0.74 in, 0.75 in, 0.76 in, 0.77 in, 0.78 in, 0.79 in, 0.8 in, 0.81 in, 0.82 in, 0.83 in, 0.84 in, 0.85 in, 0.86 in, 0.87 in, 0.88 in, 0.89 in, 0.9 in, 0.91 in, 0.92 in, 0.93 in, 0.94 in, 0.95 in, 0.96 in, 0.97 in, 0.98 in, 0.99 in, 1 in, 1.01 in, 1.02 in, 1.03 in, 1.04 in, 1.05 in, 1.06 in, 1.07 in, 1.08 in, 1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in, 1.16 in, 1.17 in, 1.18 in, 1.19 in, 1.2 in, 1.21 in, 1.22 in, 1.23 in, 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in, 1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in, 1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in, 1.49 in, 1.5 in, 1.51 in, 1.52 in, 1.53 in, 1.54 in, 1.55 in, 1.56 in, 1.57 in, 1.58 in, 1.59 in, 1.6 in, 1.61 in, 1.62 in, 1.63 in, 1.64 in, 1.65 in, 1.66 in, 1.67 in, 1.68 in, 1.69 in, 1.7 in
Number of Conductors: 1
Product Color: Black
Splice Type: Cold Shrink
Voltage: 15 kV
eClass 14 Classification Group: 27400107

3M™ Thin-Wall Heat Shrink Tubing EPS-300

Details

Dual-wall construction provides abrasion resistance and moisture-seal protection
Offers the advantage of integral, adhesive-lined construction
Offers protection for automotive, truck, electronic components, wire splices, wire bundles and harness breakouts
Made of black flexible polyolefin
Withstands temperatures of -67 to 230 degrees F (-55 to 110 degrees C)
Flame-retardant tubing is rated for 600V applications

Typical properties

Adhesion Strength (Imperial): 40 Ounce
Adhesion to Steel oz/in (N/100 mm): 40 (44)
Adhesive Material: Silicone
Agency Approvals: CSA, CSA, UL Recognized, UL Recognized, CSA Certified
Application Specifications: ABS
Dielectric Strength (V/mil): 500 V/mil
Electrolytic Corrosion Factor: 0.9
Elongation: 450 %, 450 Decibel
Expanded Inner Diameter: 0.125 in, 0.187 in, 0.25 in, 0.3 in, 0.375 in, 0.5 in, 0.75 in, 1 in, 1.5 in
Expanded Inner Diameter (Metric): 12.70 mm, 19.1 mm, 25.40 mm, 3.2 mm, 38.1 mm, 38.10 mm, 4.8 mm, 6.4 mm, 7.62 mm, 9.5 mm
Flame Retardant: Yes
Flammability Rating: UL 224 All Tubing Flame Test, UL 224 All Tubing Flame Test [jacket]
Heat Shrink Type: Adhesive-Lined Polyolefin Heat Shrink Tubing
Inner Diameter After Shrink (Imperial): 0.04 in, 0.062 in, 0.063 in, 0.12 in, 0.125 in, 0.15 in, 0.16 in, 0.25 in, 0.32 in, 0.5 in, 0.51 in
Inner Diameter After Shrink (Metric): 1.02 mm, 1.57 mm, 1.6 mm, 3.05 mm, 3.18 mm, 3.81 mm, 4.06 mm, 6.35 mm, 8.13 mm, 12.7 mm, 12.95 mm
Inner Diameter Before Shrink (Imperial): 0.125 in, 0.187 in, 0.25 in, 0.3 in, 0.375 in, 0.5 in, 0.75 in, 1 in, 1.5 in
Inner Diameter Before Shrink (Metric): 3.18 mm, 4.75 mm, 4.8 mm, 6.35 mm, 7.62 mm, 9.53 mm, 12.7 mm, 19.05 mm, 25.4 mm, 38.1 mm
Lubricant Type: Gel
Material: Polyolefin
Maximum Operating Temperature (Celsius): 110 °C, 150 °C, 200 °C
Maximum Operating Temperature (Fahrenheit): 230 °F, 300 °F, 392 °F
Mil Spec: AMS-DTL-23053/5, Class 3
Minimum Expanded Tubing I. D.: 0.125 in, 0.187 in, 0.25 in, 0.3 in, 0.375 in, 0.5 in, 0.75 in, 1 in, 1.5 in
Non-Corrosive: Yes
Operating Temperature (Celsius): -55 °C to 110 °C
Operating Temperature (Fahrenheit): -67 °F to 230 °F
Operating Temperature Range (Celsius): -55 °C to +175 °C, -55 °C to 110 °C
Operating Temperature Range (Fahrenheit): -67 °F to 230 °F, -67 °F to 347 °F
Product Color: Black, Red, Transparent

Recovered Inner Diameter: 0.04 in, 0.063 in, 0.08 in, 0.12 in, 0.15 in, 0.16 in, 0.25 in, 0.32 in, 0.4 in, 0.5 in

Recovered Inner Diameter (Metric): 1 mm, 1.02 mm, 1.6 mm, 2 mm, 3.1 mm, 3.81 mm, 4.1 mm, 6.4 mm, 8.1 mm, 13 mm

Shrink Ratio: 3:1

Solution for: Access Network: FTTH/FTTB/CATV, Access Network: xDSL, Long-haul/Metro Loop Network: CO/POP, Long-haul/Metro Loop Network: Outdoor,

Wireless Network: Backhaul, Wireless Network: Infrastructure Accessories

Tensile Strength (Imperial): 2100 Pound-Force Per Square Inch

Tubing Type: Dual Wall (Adhesive Lined)

UL File Number: E-157227

Units per Box: 10

Units per Case: 25.0,24.0,200.0,12.0,3.0,250.0,10.0,5.0,42.0,75.0,45.0,125.0

eClass 14 Classification Group: 27400105

Dimensions and Classifications

Overall Length (Imperial): 4 ft, 6 in, 48 in

Overall Length (Metric): 152 mm, 1219 mm

3M™ PILC Accessory Oil Stop Kits

Details

Seals the oil inside the paper-insulated, lead-covered cable
Environmentally seals the accessory end, as well as the cable jacket
IEEE Approved

Typical properties

Brands: 3M™

Cable Shielding: Paper Insulated Lead Covered (PILC)

Conductor Sizes (Imperial): 1 AWG, 1/0 AWG, 1000 kcmil, 2 AWG, 2/0 AWG, 250 kcmil, 3/0 AWG, 300 kcmil, 350 kcmil, 4 AWG, 4/0 AWG, 400 kcmil, 500 kcmil, 600 kcmil, 650 kcmil, 700 kcmil, 750 kcmil, 800 kcmil, 900 kcmil

Maximum Insulation Diameter (Over Paper): 0.58 in, 0.72 in, 0.92 in, 1.10 in

Maximum Insulation Diameter (Over Paper) (Metric): 14.7 mm, 18.3 mm, 23.4 mm, 27.9 mm

Maximum Lead Diameter: 1.1 in, 1.3 in, 1.6 in, 2 in

Maximum Lead Diameter (Metric): 27.9 mm, 33.0 mm, 40.6 mm, 50.8 mm

Maximum Operating Voltage: 15 kV, 25/28 kV

Product Series: 5110-OS Series

Product Type: Accessory

Units per Case: 1.0

Voltage: 15 kV, 25/28 kV

eClass 14 Classification Group: 27440308

3M™ ScotchCode™ Wire Marker Tape Dispenser STD

Details

Compact design that hangs from a tool belt
Refillable compartments for SDR tape with high tack, acrylic adhesive that resists solvents, oil and water and adheres firmly to insulation surfaces
Can be custom filled to meet specific project requirements
Dispenses only the desired length

Typical properties

Adhesive Material: Acrylic
Application: Marking Wire and Cable
Dispenser Type: Dispenser ONLY, Dispenser with Tape
Dispenser/Marker Type: Tape Roll Dispenser Only, Tape Roll Dispenser with Tape
Kit Includes: Dispenser filled with all ten colors, Dispenser filled with numbers 0 thru 9, Dispenser only - holds 10 rolls
Legend: "0" through "9"
Legend Color: Assorted, White
Marker ID Style: Pre-printed
Marker Type: Dispenser
Material: Plastic
Maximum Insulation Outer Diameter (Metric): 3.7 mm
Maximum Insulation Outside Diameter: 0.145 in
Maximum Operating Temperature (Celsius): 121 °C
Maximum Operating Temperature (Fahrenheit): 250 °F
Printed Text Type: Color - Multiple, Numbers - 0-9
Product Color: Red, Transparent
Product Type: Tape Dispenser
Refill: Tape Roll
Refillable: Yes
Solution for: Access Network: FTTH/FTTB/CATV, Access Network: xDSL, Long-haul/Metro Loop Network: CO/POP, Long-haul/Metro Loop Network: Outdoor, Wireless Network: Backhaul
Tape Color: White
UV Resistant: No
Units per Case: 25.0,10.0
Voltage Application: Low Voltage
Wire Marker Products: Wire Marker Tape Dispenser and Refill Rolls

Dimensions and Classifications

Overall Length (Metric): 2.4 m
Overall Width (Metric): 5.46 mm

3M™ Scotchlok™ IDC Connector 901

Details

Black, polypropylene-insulated connector electrically taps into a wire in mid-span without cutting

Suitable for control circuit wiring, fixture wiring, appliance wiring, signal and PA systems and automotive/boat/RV wiring

Accommodates 18 to 14 AWG solid/stranded (tap) and 12 to 10 AWG solid/stranded (run)

UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Brands: Scotchlok™

Case Quantity: 5000,500

Conductor Sizes (Imperial): 14 AWG, 14 AWG (Stranded), 16 AWG, 18 AWG

Conductor Sizes (Metric): 1 mm², 1.5 mm², 2.5 mm², 2.5 mm² (Stranded)

Connection Type: Run & Tap

Connector / Connector Tool: 3M Crimping Tool E-9BM and/or Mechanics (slip joint) Pliers

Connector Style: Insulation Displacement

Flame Retardant: No

Grease Filling Against Corrosion: No

Insulation Color: Black

Insulation Material: Polypropylene

Insulation Outer Diameter (Imperial): 0.145 in

Material: Insulator: Polypropylene, U-contact: Tin-plated Copper Alloy

Max. Number of Cores: 1

Maximum Conductor Size (Imperial): 14 AWG, 14 AWG (Stranded), 16 AWG

Maximum Conductor Size (Metric): 1.5 mm², 2.5 mm², 2.5 mm² (Stranded)

Maximum Operating Temperature (Celsius): 90 °C

Maximum Operating Temperature (Fahrenheit): 194 °F

Maximum Recommended Voltage Rating: 32 V

Minimum Conductor Size (Imperial): 18 AWG

Minimum Conductor Size (Metric): 1 mm²

Moisture Resistant: No, Yes

Product Color: Black

Product Type: Run & Tap

Recommended Crimping Tool: E-9BM and/or Mechanics (slip joint) Pliers, E-9BM or 9 in. Linemans Pliers

Run Maximum Insulation Outer Diameter (Imperial): 0.145 in

Run Maximum Insulation Outer Diameter (Metric): 3.7 mm

Tap Maximum Insulation Outer Diameter (Imperial): 0.145 in

Tap Maximum Insulation Outer Diameter (Metric): 3.7 mm

Units per Case: 5000.0

Voltage Application: Low Voltage

Wire Connector Type: IDC Connectors

eClass 14 Classification Group: 27400215

3M™ Scotchlok™ Non-Insulated Copper Seamless Compression Lug Ring Tongues

3M ID B5005048035

Details

Non-insulated, seamless barrel ensures a secure fit and offers reliable performance

Offers electrical connection to a pre-stripped end of a stranded wire

Made of copper for good conductivity and has tin plating for corrosion resistance

600V-rated for building wire

UL Listed and RoHS 2011/65/EU Compliant

3M™ Aluminum Connectors CI-A Series

Details

Transition connector used with 3M 5420 and 3M 5450 splice kits
10/case

Typical properties

Barrel Style: Standard Barrel
Body Material: Aluminum
Case Quantity: 10
Compatible With: 5420, 5450 & 5451A, 5432 and 5433, 5451R, 5461
Connector Base Metal: Aluminum
Connector Type: Compression Connectors
Electrical Connector Type: Compression Connectors
For Use With: Aluminum or Copper Conductors
Maximum Conductor Size (Imperial): 1 AWG (Stranded), 1/0 AWG (Stranded), 4 AWG (Stranded)
Maximum Conductor Size (Metric): 25 mm² (Stranded), 50 mm² (Stranded)
Maximum Operating Voltage: 35 Kilovolt
Minimum Conductor Size (Imperial): 1 AWG, 1/0 AWG
Minimum Conductor Size (Metric): 50 mm²
Outer Diameter (Imperial): 0.91 in
Product Series: CI Series, CI-A Series
Voltage: 1 kV, 15 kV, 25/28 kV, 35 kV, 8 kV
eClass 14 Classification Group: 27400212

Dimensions and Classifications

Overall Length (Imperial): 2 in
Overall Length (Metric): 50.8 mm

3M™ Cold Shrink QT-II Outdoor Termination Kits 5610 A Series

Details

Provides a seal between the connecting lug and unshielded power cables
Suitable for indoor and outdoor applications
Silicone rubber insulation offers durability and reduces leakage currents in damp conditions
Withstands voltages of 5kV to 8 kV
Includes 3 non-skirted, single-conductor, cold shrink terminations

Typical properties

Application: Cable Termination
Brands: 3M™
Breakout Boot: No
Cable Insulation Outside Diameter Range: 0.31-0.72 in, 0.44-0.95 in, 0.56-1.18 in, 0.95-1.94 in
Cable Insulation Outside Diameter Range (Metric): 11.2-24.1 mm, 14.2-30.0 mm, 24.1-49.3 mm, 7.9-18.3 mm
Cable Shielding: Non-shielded
Case Quantity: 1
Conductor Sizes (Imperial): 1 AWG, 1/0 AWG, 1000 kcmil, 2 AWG, 2/0 AWG, 250 kcmil, 3/0 AWG, 300 kcmil, 350 kcmil, 4 AWG, 4/0 AWG, 400 kcmil, 500 kcmil, 6 AWG, 600 kcmil, 700 kcmil, 750 kcmil, 8 AWG, 800 kcmil, 900 kcmil
Indoor/Outdoor: Indoor Non-skirted
Insulation Level: 100%, 133%
Insulation Outer Diameter (Imperial): 0.31 in, 0.32 in, 0.33 in, 0.34 in, 0.35 in, 0.36 in, 0.37 in, 0.38 in, 0.39 in, 0.4 in, 0.41 in, 0.42 in, 0.43 in, 0.44 in, 0.45 in, 0.46 in, 0.47 in, 0.48 in, 0.49 in, 0.5 in, 0.51 in, 0.52 in, 0.53 in, 0.54 in, 0.55 in, 0.56 in, 0.57 in, 0.58 in, 0.59 in, 0.6 in, 0.61 in, 0.62 in, 0.63 in, 0.64 in, 0.65 in, 0.66 in, 0.67 in, 0.68 in, 0.69 in, 0.7 in, 0.71 in, 0.72 in, 0.73 in, 0.74 in, 0.75 in, 0.76 in, 0.77 in, 0.78 in, 0.79 in, 0.8 in, 0.81 in, 0.82 in, 0.83 in, 0.84 in, 0.85 in, 0.86 in, 0.87 in, 0.88 in, 0.89 in, 0.9 in, 0.91 in, 0.92 in, 0.93 in, 0.94 in, 0.95 in, 0.96 in, 0.97 in, 0.98 in, 0.99 in, 1 in, 1.01 in, 1.02 in, 1.03 in, 1.04 in, 1.05 in, 1.06 in, 1.07 in, 1.08 in, 1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in, 1.16 in, 1.17 in, 1.18 in, 1.19 in, 1.2 in, 1.21 in, 1.22 in, 1.23 in, 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in, 1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in, 1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in, 1.49 in, 1.5 in, 1.51 in, 1.52 in, 1.53 in, 1.54 in, 1.55 in, 1.56 in, 1.57 in, 1.58 in, 1.59 in, 1.6 in, 1.61 in, 1.62 in, 1.63 in, 1.64 in, 1.65 in, 1.66 in, 1.67 in, 1.68 in, 1.69 in, 1.7 in, 1.71 in, 1.72 in, 1.73 in, 1.74 in, 1.75 in, 1.76 in, 1.77 in, 1.78 in, 1.79 in, 1.8 in, 1.81 in, 1.82 in, 1.83 in, 1.84 in, 1.85 in, 1.86 in, 1.87 in, 1.88 in, 1.89 in, 1.9 in, 1.91 in, 1.92 in, 1.93 in, 1.94 in
Insulation Outer Diameter (Metric): 7.874 mm, 8.128 mm, 8.382 mm, 8.636 mm, 8.89 mm, 9.144 mm, 9.398 mm, 9.652 mm, 9.906 mm, 10.16 mm, 10.414 mm, 10.668 mm, 10.922 mm, 11.176 mm, 11.43 mm, 11.684 mm, 11.938 mm, 12.192 mm, 12.446 mm, 12.7 mm, 12.954 mm, 13.208 mm, 13.462 mm, 13.716 mm, 13.97 mm, 14.224 mm, 14.478 mm, 14.732 mm, 14.986 mm, 15.24 mm, 15.494 mm, 15.748 mm, 16.002 mm, 16.256 mm, 16.51 mm, 16.764 mm, 17.018 mm, 17.272 mm, 17.526 mm, 17.78 mm, 18.034 mm, 18.288 mm, 18.542 mm, 18.796 mm

mm, 19.05 mm, 19.304 mm, 19.558 mm, 19.812 mm, 20.066 mm, 20.32 mm, 20.574 mm, 20.828 mm, 21.082 mm, 21.336 mm, 21.59 mm, 21.844 mm, 22.098 mm, 22.352 mm, 22.606 mm, 22.86 mm, 23.114 mm, 23.368 mm, 23.622 mm, 23.876 mm, 24.13 mm, 24.384 mm, 24.638 mm, 24.892 mm, 25.146 mm, 25.4 mm, 25.654 mm, 25.908 mm, 26.162 mm, 26.416 mm, 26.67 mm, 26.924 mm, 27.178 mm, 27.432 mm, 27.686 mm, 27.94 mm, 28.194 mm, 28.448 mm, 28.702 mm, 28.956 mm, 29.21 mm, 29.464 mm, 29.718 mm, 29.972 mm, 30.226 mm, 30.48 mm, 30.734 mm, 30.988 mm, 31.242 mm, 31.496 mm, 31.75 mm, 32.004 mm, 32.258 mm, 32.512 mm, 32.766 mm, 33.02 mm, 33.274 mm, 33.528 mm, 33.782 mm, 34.036 mm, 34.29 mm, 34.544 mm, 34.798 mm, 35.052 mm, 35.306 mm, 35.56 mm, 35.814 mm, 36.068 mm, 36.322 mm, 36.576 mm, 36.83 mm, 37.084 mm, 37.338 mm, 37.592 mm, 37.846 mm, 38.1 mm, 38.354 mm, 38.608 mm, 38.862 mm, 39.116 mm, 39.37 mm, 39.624 mm, 39.878 mm, 40.132 mm, 40.386 mm, 40.64 mm, 40.894 mm, 41.148 mm, 41.402 mm, 41.656 mm, 41.91 mm, 42.164 mm, 42.418 mm, 42.672 mm, 42.926 mm, 43.18 mm, 43.434 mm, 43.688 mm, 43.942 mm, 44.196 mm, 44.45 mm, 44.704 mm, 44.958 mm, 45.212 mm, 45.466 mm, 45.72 mm, 45.974 mm, 46.228 mm, 46.482 mm, 46.736 mm, 46.99 mm, 47.244 mm, 47.498 mm, 47.752 mm, 48.006 mm, 48.26 mm, 48.514 mm, 48.768 mm, 49.022 mm, 49.276 mm

Insulation Rejacketing: No

Lug/Stem Connector Included in Kit: No

Material: Silicone Rubber

Maximum Conductor Size (Imperial): 1000 kcmil, 2/0 AWG, 300 kcmil, 4 AWG

Maximum Conductor Size (Metric): 150 mm², 25 mm², 500 mm², 70 mm²

Maximum Installed Length: 7.50 in, 8.00 in

Minimum Conductor Size (Imperial): 2 AWG, 3/0 AWG, 350 kcmil, 8 AWG

Minimum Conductor Size (Metric): 10 mm², 185 mm², 35 mm², 95 mm²

Number of Conductors: 1

Product Series: 5610A

Voltage: 5 kV, 8 kV

eClass 14 Classification Group: 27400102

3M™ Molded Rubber QS-II Cable Splice Kits 5430 Series

3M ID B5005113050

Details

Inline splice for use on jacketed concentric neutral (JCN) and concentric neutral (CN) cables

Jacketing kit is required for JCN cable

Rated for 35 kV cables

Meets the requirements of IEEE 404 standards

3M™ Cold Shrink QT-III Termination Kit 7620-S-3RJS, 7680-S-3RJS & 7690-S-3RJS Series

Details

Provides a void-free seal to tape shield, wire shield and UniShield® power cables
High dielectric-constant material regulates the distribution of electric field stress
Suitable for outdoor applications and cabinet-mount installations
Integrated design allows for easier installation, while sealing compounds provide constant radial pressure

Typical properties

BIL: 110 kV, 150 kV, 200 kV, 95 kV

Brands: 3M™

Breakout Boot: No

Cable Insulation Outside Diameter Range: 0.33-0.50 in, 0.50-0.70 in, 0.70-0.92 in, 0.92-1.18 in, 1.18-1.52 in

Cable Insulation Outside Diameter Range (Metric): 12.7-17.8 mm, 17.8-23.4 mm, 23.4-30.0 mm, 30.0-38.6 mm, 8.4-12.7 mm

Cable Shielding: Longitudinally Corrugated (LC), Tape Shield, UniShield®, Wire Shield, Wire-Over-Tape Shield

Case Quantity: 1

Conductor Sizes (Imperial): 1 AWG, 1/0 AWG, 1000 kcmil, 2 AWG, 2/0 AWG, 250 kcmil, 3/0 AWG, 300 kcmil, 350 kcmil, 4 AWG, 4/0 AWG, 400 kcmil, 500 kcmil, 6 AWG, 600 kcmil, 700 kcmil, 750 kcmil, 8 AWG, 800 kcmil, 900 kcmil

Indoor/Outdoor: Outdoor Skirted

Insulation Level: 100%, 133%

Insulation Outer Diameter (Imperial): 0.33 in, 0.34 in, 0.35 in, 0.36 in, 0.37 in, 0.38 in, 0.39 in, 0.4 in, 0.41 in, 0.42 in, 0.43 in, 0.44 in, 0.45 in, 0.46 in, 0.47 in, 0.48 in, 0.49 in, 0.5 in, 0.51 in, 0.52 in, 0.53 in, 0.54 in, 0.55 in, 0.56 in, 0.57 in, 0.58 in, 0.59 in, 0.6 in, 0.61 in, 0.62 in, 0.63 in, 0.64 in, 0.65 in, 0.66 in, 0.67 in, 0.68 in, 0.69 in, 0.7 in, 0.71 in, 0.72 in, 0.73 in, 0.74 in, 0.75 in, 0.76 in, 0.77 in, 0.78 in, 0.79 in, 0.8 in, 0.81 in, 0.82 in, 0.83 in, 0.84 in, 0.85 in, 0.86 in, 0.87 in, 0.88 in, 0.89 in, 0.9 in, 0.91 in, 0.92 in, 0.93 in, 0.94 in, 0.95 in, 0.96 in, 0.97 in, 0.98 in, 0.99 in, 1 in, 1.01 in, 1.02 in, 1.03 in, 1.04 in, 1.05 in, 1.06 in, 1.07 in, 1.08 in, 1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in, 1.16 in, 1.17 in, 1.18 in, 1.19 in, 1.2 in, 1.21 in, 1.22 in, 1.23 in, 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in, 1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in, 1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in, 1.49 in, 1.5 in, 1.51 in, 1.52 in

Insulation Outer Diameter (Metric): 8.382 mm, 8.636 mm, 8.89 mm, 9.144 mm, 9.398 mm, 9.652 mm, 9.906 mm, 10.16 mm, 10.414 mm, 10.668 mm, 10.922 mm, 11.176 mm, 11.43 mm, 11.684 mm, 11.938 mm, 12.192 mm, 12.446 mm, 12.7 mm, 12.954 mm, 13.208 mm, 13.462 mm, 13.716 mm, 13.97 mm, 14.224 mm, 14.478 mm, 14.732 mm, 14.986 mm, 15.24 mm, 15.494 mm, 15.748 mm, 16.002 mm, 16.256 mm, 16.51 mm, 16.764 mm, 17.018 mm, 17.272 mm, 17.526 mm, 17.78 mm, 18.034 mm, 18.288 mm, 18.542 mm, 18.796 mm, 19.05 mm, 19.304 mm, 19.558 mm, 19.812 mm, 20.066 mm, 20.32 mm, 20.574 mm, 20.828 mm, 21.082 mm, 21.336 mm, 21.59 mm, 21.844 mm, 22.098 mm, 22.352 mm, 22.606 mm, 22.86 mm, 23.114 mm, 23.368 mm, 23.622 mm, 23.876 mm, 24.13

mm, 24.384 mm, 24.638 mm, 24.892 mm, 25.146 mm, 25.4 mm, 25.654 mm, 25.908 mm, 26.162 mm, 26.416 mm, 26.67 mm, 26.924 mm, 27.178 mm, 27.432 mm, 27.686 mm, 27.94 mm, 28.194 mm, 28.448 mm, 28.702 mm, 28.956 mm, 29.21 mm, 29.464 mm, 29.718 mm, 29.972 mm, 30.226 mm, 30.48 mm, 30.734 mm, 30.988 mm, 31.242 mm, 31.496 mm, 31.75 mm, 32.004 mm, 32.258 mm, 32.512 mm, 32.766 mm, 33.02 mm, 33.274 mm, 33.528 mm, 33.782 mm, 34.036 mm, 34.29 mm, 34.544 mm, 34.798 mm, 35.052 mm, 35.306 mm, 35.56 mm, 35.814 mm, 36.068 mm, 36.322 mm, 36.576 mm, 36.83 mm, 37.084 mm, 37.338 mm, 37.592 mm, 37.846 mm, 38.1 mm, 38.354 mm, 38.608 mm

Insulation Rejacketing: Yes

Lug/Stem Connector Included in Kit: No

Maximum Installed Length: 10.50 in, 12.25 in, 20.50 in, 9.80 in

Number of Conductors: 3

Number of Skirts: 2 , 4 , 8

Product Series: 7600 RJS, 7600-S-RJS

Voltage: 15 kV, 25 kV, 25/28 kV, 35 kV, 5 kV, 8 kV

Voltage Application: Medium Voltage

eClass 14 Classification Group: 27400102

3M™ Cold Shrink QS4 Integrated Splice Kits 35-JCN Series

Details

Inline splice for joining JCN and flat strap neutral power cables
Special-electrode design reduces electrical stress at critical cable and splice interface
Designed for feeder and distribution circuits, size transition splicing, direct-burial installations and submerged locations
Rated for 35 kV cables
Withstands a temperature range of 221 to 284 °F (105 to 140 °C)

Typical properties

Cable Shielding: Jacketed Concentric Neutral (JCN)
Conductor Material: Aluminum, Copper
Conductor Sizes (Imperial): 1/0 AWG, 1000 kcmil, 2/0 AWG, 250 kcmil, 3/0 AWG, 300 kcmil, 350 kcmil, 4/0 AWG, 400 kcmil, 500 kcmil, 600 kcmil, 650 kcmil, 700 kcmil, 750 kcmil, 800 kcmil, 900 kcmil
Insulation Level: 1.33, 100%, 133%
Insulation Outer Diameter (Imperial): 1.07 in, 1.08 in, 1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in, 1.16 in, 1.17 in, 1.18 in, 1.19 in, 1.2 in, 1.21 in, 1.22 in, 1.23 in, 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in, 1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in, 1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in, 1.49 in, 1.5 in, 1.51 in, 1.52 in, 1.53 in, 1.54 in, 1.55 in, 1.56 in, 1.57 in, 1.58 in, 1.59 in, 1.6 in, 1.61 in, 1.62 in, 1.63 in, 1.64 in, 1.65 in, 1.66 in, 1.67 in, 1.68 in, 1.69 in, 1.7 in, 1.71 in, 1.72 in, 1.73 in, 1.74 in, 1.75 in, 1.76 in, 1.77 in, 1.78 in, 1.79 in, 1.8 in, 1.81 in, 1.82 in, 1.83 in, 1.84 in, 1.85 in, 1.86 in, 1.87 in, 1.88 in, 1.89 in, 1.9 in, 1.91 in, 1.92 in, 1.93 in, 1.94 in, 1.95 in, 1.96 in, 1.97 in, 1.98 in, 1.99 in, 2 in, 2.01 in, 2.02 in, 2.03 in, 2.04 in, 2.05 in, 2.06 in, 2.07 in
Number of Conductors: 1
Splice Type: Cold Shrink
Voltage: 35 kV
eClass 14 Classification Group: 27400107

Scotch™ Bundling Straps RF3760, 30 count, .25 in x 8 in (6,3 mm x 20,3 cm) Black

3M ID 70006911583 UPC 00051141380575

Details

Use for household, garden and garage organization
Great for securing and holding bulky items
Ideal for organizing like items together
Self-fastening, adjustable design for a versatile hold
Holds bulky items together
Reuse again and again
Quick, convenient organization
Intended for indoor use
Size: 1/4 in. x 8 in
Color: Black

Typical properties

Brands: Scotch™
Factory ISO Certification: No ISO Certification information available
Good For Outdoors: No
Indoor/Outdoor: Indoor
Package Contents: 30 straps
Product Color: Black
Weight Capacity: N/A
eClass 14 Classification Group: 27140702

Dimensions and Classifications

Overall Length (Imperial): 8 in
Overall Length (Metric): 20.3 cm
Overall Width (Imperial): 0.25 in

3M™ Deadbreak AL Compression Lug

Details

Meets IEEE Standard 386 and ANSI C119.4
Connector can be used on aluminum or copper conductor
Crimp type connection
Unthreaded

Typical properties

Brands: 3M™
Conductor Sizes (Imperial): 1 AWG, 1/0 AWG, 1000 kcmil, 1250 kcmil, 2 AWG, 2/0 AWG, 250 kcmil, 3/0 AWG, 300 kcmil, 350 kcmil, 4/0 AWG, 450 kcmil, 500 kcmil, 600 kcmil, 650 kcmil, 700 kcmil, 750 kcmil, 800 kcmil, 900 kcmil
Maximum Operating Voltage: 35 kV
Product Type: Dead Break
eClass 14 Classification Group: 27440308

3M™ Airport Lighting Connector Sealing Kit IAL-3, 1 kV, 30/case

3M ID 7000057989 UPC 00054007088622

Details

Specially designed to meet the requirements on airport lighting connections
Includes heat shrinkable sleeve and cleaning pad
Includes heat shrinkable sleeve, cleaning pad and instructions
FAA Specified and RoHS 2011/65/EU Compliant

Typical properties

Brands: 3M™
Expanded Inner Diameter: 1.38 in
Expanded Inner Diameter (Metric): 35.1 mm
Maximum Cable Diameter (Imperial): 1.38 in
Maximum Cable Diameter (Metric): 35.1 mm
Minimum Cable Diameter (Imperial): 0.38 in
Minimum Cable Diameter (Metric): 9.7 mm
Product Type: Airport Lighting Tube
Recovered Inner Diameter: 0.38 in
Recovered Inner Diameter (Metric): 9.7 mm
Sleeve Length: 16 in
Sleeve Length (Metric): 406.4 mm
Splice Type: Heat Shrink
Voltage: 1 kV

3M™ Heat Shrink Tubing NST

Details

Highly resistant to cut-through and abrasion
Ideal for use in jacketing cable harnesses with its superior mechanical properties and wide operating temperature range
Suitable for applications requiring a tough, highly flexible covering
Made of black flexible modified chlorinated polyolefin
Withstands temperatures of -94 to 250 degrees F (-70 to 121 degrees C)
Flame-retardant tubing is rated for 600V applications

Typical properties

Agency Approvals: AMS-R46846 and AMS 3623,UL Recognized
Applicable SAE-AMS-DTL-23053 Specifications: 23053/1 class 1,2
Dielectric Strength: 800 V/mil
Elongation: 500 %, 500 Decibel
Expanded Inner Diameter: 1.25 in
Flammability Rating: Self-Extinguishing
Heat Shrink Type: Specialty Polymer Tubing
Inner Diameter After Shrink (Imperial): 0.05 in, 0.062 in, 0.083 in, 0.093 in, 0.187 in, 0.25 in, 0.312 in, 0.375 in, 0.438 in, 0.625 in, 1 in, 1.5 in
Inner Diameter After Shrink (Metric): 0.093 mm, 0.25 mm, 1.57 mm, 2.12 mm, 4.75 mm, 7.92 mm, 9.53 mm, 11.11 mm, 12.7 mm, 15.54 mm, 25.4 mm, 38.1 mm
Inner Diameter Before Shrink (Imperial): 0.125 in, 0.187 in, 0.25 in, 0.375 in, 0.5 in, 0.625 in, 0.75 in, 0.875 in, 1 in, 1.25 in, 2 in, 3 in
Inner Diameter Before Shrink (Metric): 3.18 mm, 4.75 mm, 6.35 mm, 9.53 mm, 12.7 mm, 15.87 mm, 19.05 mm, 22.23 mm, 25.4 mm, 31.75 mm, 50.8 mm, 76.2 mm
Material: Modified Neoprene
Maximum Operating Temperature (Celsius): 121 °C
Maximum Operating Temperature (Fahrenheit): 249.8 °F, 250 °F
Mil Spec: AMS-DTL-23053/1, Class 1 and 2
Minimum Expanded Tubing I. D.: 1 in, 1.25 in, 1.5 in, 1.75 in, 2 in, 3 in, 5 in, 7 in
Non-Corrosive: Yes
Operating Temperature Range (Celsius): -70 °C to +121 °C
Operating Temperature Range (Fahrenheit): -94 °F to 250 °F
Product Color: Black
Recovered Inner Diameter: 0.625 in, 0.87 in, 1 in, 1.5 in, 3 in, 5 in, 7 in
Recovered Inner Diameter (Metric): 15.54 mm
Recovered Wall Thickness: 0.087 in
Shrink Ratio: 2:1
Tensile Strength (Imperial): 2100 Pound-Force Per Square Inch
Tubing Type: Special Purpose, Modified Neoprene
UL File Number: E-39100
eClass 14 Classification Group: 27400105

Dimensions and Classifications

Overall Length (Imperial): 50 ft, 100 ft, 200 ft
Overall Length (Metric): 30.5 m

3M™ Scotchlok™ IDC Connector 314

Details

Blue cap and white body nylon-insulated connector is suitable to connect 2 or 3 wires

Brass element construction for good conductivity and tin plating for corrosion resistance

Accommodates 22 to 14 AWG solid/stranded

UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Brands: Scotchlok™

CSA File Number: LR15503

Conductor Sizes (Imperial): 14 AWG, 22 AWG

Conductor Sizes (Metric): .34 mm², 2.5 mm²

Connection Type: Pigtail

Connector Style: Insulation Displacement

Flame Retardant: Yes

Grease Filling Against Corrosion: Yes

Insulation Color: cap blue, body white

Insulation Material: Nylon

Insulation Outer Diameter (Imperial): 0.15 in

Interrupt Free Shifting: No

Material: Flame Retardant Nylon

Max. Number of Cores: 3

Maximum Conductor Size (Imperial): 14 AWG

Maximum Conductor Size (Metric): 2.5 mm²

Maximum Operating Temperature (Celsius): 105 °C

Maximum Operating Temperature (Fahrenheit): 221 °F

Maximum Recommended Voltage Rating: 600 V

Minimum Conductor Size (Imperial): 22 AWG

Minimum Conductor Size (Metric): .34 mm²

Moisture Resistant: Yes

Package Quantity: 50 , 1000

Product Color: Blue

Product Type: Connector

Recommended Crimping Tool: E-9BM and/or Mechanics (slip joint) Pliers

Run Maximum Insulation Outer Diameter (Imperial): 0.155 in

Run Maximum Insulation Outer Diameter (Metric): 3.9 mm

Tap Maximum Insulation Outer Diameter (Imperial): 0.155 in

Tap Maximum Insulation Outer Diameter (Metric): 3.9 mm

UL File Number: E23438

Voltage Application: Low Voltage

Wire Connector Type: IDC Connectors

eClass 14 Classification Group: 27400215

Scotch™ Bundling Wrap RF3750, 1.5 in x 30 ft (38,1 mm x 9,1 m) Black

3M ID 70006911575 UPC 00051141380568

Details

Use for household, garden and garage organization
Great for securing and holding bulky items
Ideal for organizing like items together
Self-fastening, adjustable design for a versatile hold
Holds bulky items together
Reuse again and again
Quick, convenient organization
Intended for indoor use
Size: 1/5 in. x 30 ft
Color: Black

Typical properties

Brands: Scotch™
Factory ISO Certification: No ISO Certification information available
Good For Outdoors: No
Indoor/Outdoor: Indoor
Package Contents: 1 Roll/Pack
Product Color: Black
Tensile Strength (Imperial): 50 lbs
Tensile Strength (Metric): 22.68 kg
Weight Capacity: N/A
eClass 14 Classification Group: 27140702

Dimensions and Classifications

Overall Length (Imperial): 30 ft
Overall Length (Metric): 9.1 m
Overall Width (Imperial): 1.5 in

3M™ Scotchlok™ IDC Connector 801

Details

Blue, polypropylene-insulated connector is suitable for tap or parallel splicing
Suitable for control circuit wiring, fixture wiring, appliance wiring, signal and PA systems and automotive/boat/RV wiring
Accommodates 18 to 16 AWG solid/stranded or 14 AWG stranded
UL Listed and RoHS 2011/65/EU Compliant

Typical properties

Brands: Scotchlok™
Conductor Sizes (Imperial): 14 AWG (Stranded), 16 AWG, 18 AWG
Conductor Sizes (Metric): 1 mm², 1.5 mm², 2.5 mm² (Stranded)
Connection Type: Double Run or Tap
Connector / Connector Tool: 3M Crimping Tool E-9BM and/or 9" Lineman's Pliers
Connector Style: Insulation Displacement
Flame Retardant: Yes
Grease Filling Against Corrosion: No
Insulation Color: Blue
Insulation Material: Polypropylene
Material: Insulator: FR Polypropylene, U-contact: Tin-plated Brass, Plastic
Maximum Conductor Size (Imperial): 14 AWG (Stranded), 16 AWG
Maximum Conductor Size (Metric): 1.5 mm², 2.5 mm² (Stranded)
Maximum Operating Temperature (Celsius): 105 °C
Maximum Operating Temperature (Fahrenheit): 221 °F
Maximum Recommended Voltage Rating: 600 V
Minimum Conductor Size (Imperial): 18 AWG
Minimum Conductor Size (Metric): 1 mm²
Moisture Resistant: No
Package Quantity: 50
Product Color: Blue
Product Type: Connector
Recommended Crimping Tool: E-9BM or 9 in. Linemans Pliers
Run Maximum Insulation Outer Diameter (Imperial): 0.145 in
Run Maximum Insulation Outer Diameter (Metric): 3.7 mm
Tap Maximum Insulation Outer Diameter (Imperial): 0.145 in
Tap Maximum Insulation Outer Diameter (Metric): 3.7 mm
UL File Number: E23438
Units per Case: 1000.0
Voltage Application: Low Voltage
eClass 14 Classification Group: 27400215

3M™ Scotchlok™ Non-Insulated Butted Seam Flag Female Disconnects

Details

Non-insulated, butted-seam barrel with a beveled mouth offers easy insertion of wires

Dents and rolled edges of this female disconnect flag terminal offer excellent holding force

Allows for quick and easy disconnect of wires

Made of durable brass for good conductivity and has corrosion-resistant tin plating

Withstands a maximum temperature of 347 degrees F (175 degrees C) for bare terminals

Rated 600V for building wire and 1000V for signs, fixtures or luminaires

UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Barrel Inside Diameter: >0 Inch, 0.075 Inch, 0.095 Inch (2.41 mm), 0.095 Inch

Barrel Length (Imperial): 0.25 Inch, 0.26 Inch, >=0 Inch, 0.20 Inch

Barrel Style: Butted

Bullet Diameter: 0.156

CSA File Number: LR22190

Connection Width (Imperial): 0.187 in, 0.25 in

Connection Width (Metric): 4.75 mm, 6.35 mm

Disconnect Type: Female

Fastener Orientation: Female

Insulation Color: Blue

Insulation Material: Non-insulated

Material: Plastic

Mates with Female Width: 0.187 Inch, 0.250 Inch, >0 Inch

Mates with Male Tab Width (W'): 0.187 Inch, 0.250 Inch, >0 Inch

Maximum Conductor Size (Imperial): 14 AWG, 18 AWG

Maximum Conductor Size (Metric): 1 mm², 2.5 mm²

Maximum Insulation Outer Diameter (Imperial): 0.25 in

Maximum Insulation Outer Diameter (Metric): 3.7 mm

Maximum Insulation Outside Diameter: 0.145 in

Maximum Operating Temperature (Celsius): 175 °C

Maximum Operating Temperature (Fahrenheit): 347 °F

Maximum Recommended Voltage Rating: 600 V

Maximum Voltage Rating: 600 to 1000 V

Minimum Conductor Size (Imperial): 16 AWG, 22 AWG

Minimum Conductor Size (Metric): .34 mm², 1.5 mm²

Pad Width: 0.187 in, 0.25 in

Product Color: Blue

Product Type: Connector

Solution for: Wireless Network: Infrastructure Accessories

Tab Width: 0.250, 0.187, 0.110

Terminal Style: Flag

Terminal Type: Disconnect

UL File Number: E70512
Units per Case: 500.0,1000.0
eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Length (Imperial): 0.46 in, 0.47 in, 0.5 in, 0.51 in
Overall Length (Metric): 11.93 mm

3M™ Overhead Conductor Animal Guard Cover

3M ID B5005047065

Details

Offers good dielectric strength, conformability and cold weather installation
Suitable for field installation over bare conductors to insulate them from adjacent phases, grounded equipment and animal contact
Comes in munsel gray color
Offers excellent UV, arc and ozone resistance
Bias cut enables easy field installation without any special tools

Typical properties

Brands: 3M™
Material: Silicone Rubber
Product Color: Gray

3M™ Sheath Seal Kits 5831 and 5832

Details

Seals the sheath area for multi-conductor cables
Offers a single seal
Seals copper or aluminum cables
Flame-retardant compound 2131 replaces the cable jacket when splicing
RoHS 2011/65/EU Compliant

Typical properties

Cable Accessory Products: Electrical Resins
Cable Outside Diameter Range: 0.25-0.80 inch
Conductor Sizes (Imperial): 2-3/0 AWG, 4/0 AWG-500 kcmil
Inner Diameter Before Shrink (Imperial): 2.6 in, 3.75 in
Inner Diameter Before Shrink (Metric): 66 mm, 95.3 mm
Maximum Conductor Size (Imperial): 3/0 AWG, 500 kcmil
Maximum Conductor Size (Metric): 240 mm², 95 mm²
Maximum Jacket Or Armor Outside Diameter: 2.6 in, 3.75 in
Minimum Conductor Size (Imperial): 2 AWG, 4/0 AWG
Minimum Conductor Size (Metric): 120 mm², 35 mm²
Units per Case: 1.0
eClass 14 Classification Group: 27400108

3M™ Cross-Arm Mounting Brackets MB and MBS Series

Details

- Single clamp offers firm holding
- Can be used in contaminated environments
- Designed to mount molded rubber terminations
- Tongue for external attachment
- Made of corrosion-resistant galvanized steel
- RoHS 2011/65/EU Compliant

Typical properties

- Cable Accessory Products: Mounting Brackets
- Cable Outside Diameter Range: 0.80 - 1.25 inch, 1.10 - 1.50 inch, 1.45 - 1.95 inch, 1.80 - 2.40 inch
- Cable Outside Diameter Range (Metric): 20,3–31,8 mm,36,8–49,5 mm,27,9–38,1 mm,27,9–43,2 mm,45,7–61,0 mm
- Compatible With: 3M™ Mounting Brackets MB and MBS Series
- Material: Galvanized Steel, Stainless Steel
- Mount Type: Screw
- Product Type: Mounting
- Units per Case: 10.0
- eClass 14 Classification Group: 15090300

Dimensions and Classifications

- Overall Length (Imperial): 0.8 in, 1.1 in, 1.45 in, 1.8 in
- Overall Length (Metric): 20.3 mm, 27.9 mm, 36.8 mm, 45.7 mm
- Overall Width (Imperial): 1.25 in, 1.5 in, 1.7 in, 1.95 in, 2.4 in
- Overall Width (Metric): 31.8 mm, 38.1 mm, 43.2 mm, 49.5 mm, 61 mm

3M™ Cold Shrink QT-II Outdoor Termination Kits 5670 Series

Details

One-piece cold shrink termination
High dielectric-constant material regulates the distribution of electric field stress
Suitable for indoor applications
Non-tracking, silicone rubber insulation offers durability
Withstands voltages up to 15kV and is 110 kV BIL-rated
Includes a non-skirted, 1-piece termination
Meets IEEE Standard 48 Class 3 for indoor, weather-protected applications

Typical properties

Application: Cable Termination
BIL: 110 kV
Brands: 3M™
Breakout Boot: No
Cable Insulation Outside Diameter Range: 0.64 to 1.12 in, 0.94-1.81 in
Cable Insulation Outside Diameter Range (Metric): 16.2-28.4 mm, 23.8-46.0 mm
Cable Shielding: Concentric Neutral (CN), Jacketed Concentric Neutral (JCN)
Cable Type: Polymeric insulated, copper wire screened, unarmored cable
Case Quantity: 10
Conductor Sizes (Imperial): 1 AWG, 1/0 AWG, 1000 kcmil, 2 AWG, 2/0 AWG, 250 kcmil, 3/0 AWG, 300 kcmil, 350 kcmil, 4/0 AWG, 400 kcmil, 450 kcmil, 500 kcmil, 600 kcmil, 700 kcmil, 750 kcmil, 800 kcmil, 900 kcmil
Indoor/Outdoor: Indoor Non-skirted
Insulation Level: 100%, 133%
Insulation O.D. Range (Metric): 16.2-28.4 mm
Insulation Outer Diameter (Imperial): 0.64 in, 0.65 in, 0.66 in, 0.67 in, 0.68 in, 0.69 in, 0.7 in, 0.71 in, 0.72 in, 0.73 in, 0.74 in, 0.75 in, 0.76 in, 0.77 in, 0.78 in, 0.79 in, 0.8 in, 0.81 in, 0.82 in, 0.83 in, 0.84 in, 0.85 in, 0.86 in, 0.87 in, 0.88 in, 0.89 in, 0.9 in, 0.91 in, 0.92 in, 0.93 in, 0.94 in, 0.95 in, 0.96 in, 0.97 in, 0.98 in, 0.99 in, 1 in, 1.01 in, 1.02 in, 1.03 in, 1.04 in, 1.05 in, 1.06 in, 1.07 in, 1.08 in, 1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in, 1.16 in, 1.17 in, 1.18 in, 1.19 in, 1.2 in, 1.21 in, 1.22 in, 1.23 in, 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in, 1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in, 1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in, 1.49 in, 1.5 in, 1.51 in, 1.52 in, 1.53 in, 1.54 in, 1.55 in, 1.56 in, 1.57 in, 1.58 in, 1.59 in, 1.6 in, 1.61 in, 1.62 in, 1.63 in, 1.64 in, 1.65 in, 1.66 in, 1.67 in, 1.68 in, 1.69 in, 1.7 in, 1.71 in, 1.72 in, 1.73 in, 1.74 in, 1.75 in, 1.76 in, 1.77 in, 1.78 in, 1.79 in, 1.8 in, 1.81 in
Insulation Outer Diameter (Metric): 16.256 mm, 16.51 mm, 16.764 mm, 17.018 mm, 17.272 mm, 17.526 mm, 17.78 mm, 18.034 mm, 18.288 mm, 18.542 mm, 18.796 mm, 19.05 mm, 19.304 mm, 19.558 mm, 19.812 mm, 20.066 mm, 20.32 mm, 20.574 mm, 20.828 mm, 21.082 mm, 21.336 mm, 21.59 mm, 21.844 mm, 22.098 mm, 22.352 mm, 22.606 mm, 22.86 mm, 23.114 mm, 23.368 mm, 23.622 mm, 23.876 mm, 24.13 mm, 24.384 mm, 24.638 mm, 24.892 mm, 25.146 mm, 25.4 mm, 25.654 mm, 25.908 mm, 26.162 mm, 26.416 mm, 26.67 mm, 26.924 mm, 27.178 mm, 27.432 mm, 27.686 mm, 27.94 mm, 28.194 mm, 28.448 mm, 28.702 mm, 28.956 mm, 29.21 mm, 29.464 mm, 29.718 mm, 29.972 mm, 30.226 mm

mm, 30.48 mm, 30.734 mm, 30.988 mm, 31.242 mm, 31.496 mm, 31.75 mm, 32.004 mm, 32.258 mm, 32.512 mm, 32.766 mm, 33.02 mm, 33.274 mm, 33.528 mm, 33.782 mm, 34.036 mm, 34.29 mm, 34.544 mm, 34.798 mm, 35.052 mm, 35.306 mm, 35.56 mm, 35.814 mm, 36.068 mm, 36.322 mm, 36.576 mm, 36.83 mm, 37.084 mm, 37.338 mm, 37.592 mm, 37.846 mm, 38.1 mm, 38.354 mm, 38.608 mm, 38.862 mm, 39.116 mm, 39.37 mm, 39.624 mm, 39.878 mm, 40.132 mm, 40.386 mm, 40.64 mm, 40.894 mm, 41.148 mm, 41.402 mm, 41.656 mm, 41.91 mm, 42.164 mm, 42.418 mm, 42.672 mm, 42.926 mm, 43.18 mm, 43.434 mm, 43.688 mm, 43.942 mm, 44.196 mm, 44.45 mm, 44.704 mm, 44.958 mm, 45.212 mm, 45.466 mm, 45.72 mm, 45.974 mm

Insulation Rejacketing: No

Lug/Stem Connector Included in Kit: No

Material: Silicone Rubber

Maximum Conductor Size (Imperial): 500 kcmil

Maximum Conductor Size (Metric): 240 mm²

Maximum Installed Length: 6.25 in, 6.50 in

Minimum Conductor Size (Imperial): 2/0 AWG

Minimum Conductor Size (Metric): 70 mm²

Number of Conductors: 1

Product Color: Gray

Product Series: 5670

Voltage: 15 kV

Voltage Rating: 6/10 kV

eClass 14 Classification Group: 27400102

3M™ Cold Shrink QT-III Inverted Termination Kit 7620-S & 7690-S Series

Details

Provides a void-free seal to tape shield, wire shield and UniShield® power cables
High dielectric-constant material regulates the distribution of electric field stress
Suitable for outdoor applications
Integrated design allows for easier installation in limited spaces, while sealing compounds provide constant radial pressure

Typical properties

Application: Cable Termination

BIL: 110 kV, 200 kV

Brands: 3M™

Breakout Boot: No, Yes

Cable Insulation Outside Diameter Range: 0.64-1.08 in, 0.72-1.29 in, 0.92-1.18 in, 1.05-1.80 in, 1.18-1.52 in, 1.53-2.32 in

Cable Insulation Outside Diameter Range (Metric): 16.3 - 27.4 mm, 18.3-32.8 mm, 23.4-30.0 mm, 26.7 - 45.7 mm, 30.0-38.4 mm, 30.0-38.6 mm, 38.9 - 58.9 mm

Cable Outside Diameter (Imperial): 3.9 in, 4.5 in

Cable Outside Diameter (Metric): 99.1 mm, 114.3 mm

Cable Shielding: Tape Shield, UniShield®, Wire Shield, Wire-Over-Tape Shield
Case Quantity: 1

Compatible Lug: QL2-A-4/0-600, QL2-A-500-1000, QL2-A-2-250, QL2-A-350-750, QL2-A-1000-1250

Conductor Sizes (Imperial): 1 AWG, 1/0 AWG, 1000 kcmil, 1250 kcmil, 1500 kcmil, 1750 kcmil, 2 AWG, 2/0 AWG, 2000 kcmil, 250 kcmil, 3/0 AWG, 300 kcmil, 350 kcmil, 4/0 AWG, 400 kcmil, 500 kcmil, 600 kcmil, 700 kcmil, 750 kcmil, 800 kcmil, 900 kcmil

Indoor/Outdoor: Outdoor Skirted, Outdoor Skirted Inverted

Insulation Level: 100%, 133%

Insulation Outer Diameter (Imperial): 0.6 in, 0.64 in, 0.65 in, 0.66 in, 0.67 in, 0.68 in, 0.69 in, 0.7 in, 0.71 in, 0.72 in, 0.73 in, 0.74 in, 0.75 in, 0.76 in, 0.77 in, 0.78 in, 0.79 in, 0.8 in, 0.81 in, 0.82 in, 0.83 in, 0.84 in, 0.85 in, 0.86 in, 0.87 in, 0.88 in, 0.89 in, 0.9 in, 0.91 in, 0.92 in, 0.93 in, 0.94 in, 0.95 in, 0.96 in, 0.97 in, 0.98 in, 0.99 in, 1 in, 1.01 in, 1.02 in, 1.03 in, 1.04 in, 1.05 in, 1.06 in, 1.07 in, 1.08 in, 1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in, 1.16 in, 1.17 in, 1.18 in, 1.19 in, 1.2 in, 1.21 in, 1.22 in, 1.23 in, 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in, 1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in, 1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in, 1.49 in, 1.5 in, 1.51 in, 1.52 in, 1.53 in, 1.54 in, 1.55 in, 1.56 in, 1.57 in, 1.58 in, 1.59 in, 1.6 in, 1.61 in, 1.62 in, 1.63 in, 1.64 in, 1.65 in, 1.66 in, 1.67 in, 1.68 in, 1.69 in, 1.7 in, 1.71 in, 1.72 in, 1.73 in, 1.74 in, 1.75 in, 1.76 in, 1.77 in, 1.78 in, 1.79 in, 1.8 in, 1.81 in, 1.82 in, 1.83 in, 1.84 in, 1.85 in, 1.86 in, 1.87 in, 1.88 in, 1.89 in, 1.9 in, 1.91 in, 1.92 in, 1.93 in, 1.94 in, 1.95 in, 1.96 in, 1.97 in, 1.98 in, 1.99 in, 2 in, 2.01 in, 2.02 in, 2.03 in, 2.04 in, 2.05 in, 2.06 in, 2.07 in, 2.08 in, 2.09 in, 2.1 in, 2.11 in, 2.12 in, 2.13 in, 2.14 in, 2.15 in, 2.16 in, 2.17 in, 2.18 in,

2.19 in, 2.2 in, 2.21 in, 2.22 in, 2.23 in, 2.24 in, 2.25 in, 2.26 in, 2.27 in, 2.28 in, 2.29 in, 2.3 in, 2.31 in, 2.32 in

Insulation Outer Diameter (Metric): 16.256 mm, 16.51 mm, 16.764 mm, 17.018 mm, 17.272 mm, 17.526 mm, 17.78 mm, 18.034 mm, 18.288 mm, 18.542 mm, 18.796 mm, 19.05 mm, 19.304 mm, 19.558 mm, 19.812 mm, 20.066 mm, 20.32 mm, 20.574 mm, 20.828 mm, 21.082 mm, 21.336 mm, 21.59 mm, 21.844 mm, 22.098 mm, 22.352 mm, 22.606 mm, 22.86 mm, 23.114 mm, 23.368 mm, 23.622 mm, 23.876 mm, 24.13 mm, 24.384 mm, 24.638 mm, 24.892 mm, 25.146 mm, 25.4 mm, 25.654 mm, 25.908 mm, 26.162 mm, 26.416 mm, 26.67 mm, 26.924 mm, 27.178 mm, 27.432 mm, 27.686 mm, 27.94 mm, 28.194 mm, 28.448 mm, 28.702 mm, 28.956 mm, 29.21 mm, 29.464 mm, 29.718 mm, 29.972 mm, 30.226 mm, 30.48 mm, 30.734 mm, 30.988 mm, 31.242 mm, 31.496 mm, 31.75 mm, 32.004 mm, 32.258 mm, 32.512 mm, 32.766 mm, 33.02 mm, 33.274 mm, 33.528 mm, 33.782 mm, 34.036 mm, 34.29 mm, 34.544 mm, 34.798 mm, 35.052 mm, 35.306 mm, 35.56 mm, 35.814 mm, 36.068 mm, 36.322 mm, 36.576 mm, 36.83 mm, 37.084 mm, 37.338 mm, 37.592 mm, 37.846 mm, 38.1 mm, 38.354 mm, 38.608 mm, 38.862 mm, 39.116 mm, 39.37 mm, 39.624 mm, 39.878 mm, 40.132 mm, 40.386 mm, 40.64 mm, 40.894 mm, 41.148 mm, 41.402 mm, 41.656 mm, 41.91 mm, 42.164 mm, 42.418 mm, 42.672 mm, 42.926 mm, 43.18 mm, 43.434 mm, 43.688 mm, 43.942 mm, 44.196 mm, 44.45 mm, 44.704 mm, 44.958 mm, 45.212 mm, 45.466 mm, 45.72 mm, 45.974 mm, 46.228 mm, 46.482 mm, 46.736 mm, 46.99 mm, 47.244 mm, 47.498 mm, 47.752 mm, 48.006 mm, 48.26 mm, 48.514 mm, 48.768 mm, 49.022 mm, 49.276 mm, 49.53 mm, 49.784 mm, 50.038 mm, 50.292 mm, 50.546 mm, 50.8 mm, 51.054 mm, 51.308 mm, 51.562 mm, 51.816 mm, 52.07 mm, 52.324 mm, 52.578 mm, 52.832 mm, 53.086 mm, 53.34 mm, 53.594 mm, 53.848 mm, 54.102 mm, 54.356 mm, 54.61 mm, 54.864 mm, 55.118 mm, 55.372 mm, 55.626 mm, 55.88 mm, 56.134 mm, 56.388 mm, 56.642 mm, 56.896 mm, 57.15 mm, 57.404 mm, 57.658 mm, 57.912 mm, 58.166 mm, 58.42 mm, 58.674 mm, 58.928 mm

Insulation Rejacketing: No, Yes

Lug/Stem Connector Included in Kit: No

Material: Silicone Rubber

Maximum Cable Outside Diameter: 4.50 in, 3.90 in

Maximum Cable Outside Diameter (Metric): 114.3 mm, 99.1 mm

Maximum Installed Length: 12.00 in, 16.00 in

Number of Conductors: 1 , 3

Number of Skirts: 2 , 4

Product Color: Gray

Product Series: 7600-S-INV, 7600-S-INV-3G, 7600-S-INV-3RJS, 7600-S-INV-3W

Voltage: 15 kV, 25 kV, 35 kV, 5 kV, 8 kV

Voltage Application: Medium Voltage

eClass 14 Classification Group: 27400102

3M™ Cold Shrink QS4 Integrated Splice Kits 25-SP Series

Details

Inline splice for joining JCN, flat strap neutral, tape shield and LC cables
Special-electrode design reduces electrical stress at critical cable and splice interface

Designed for feeder and distribution circuits, size transition splicing, direct-burial installations and submerged locations

Rated for 25/28 kV applications

Withstands a temperature range of 221 to 284 °F (105 to 140 °C)

Typical properties

Cable Shielding: Flat Strap Neutral, Jacketed Concentric Neutral (JCN),
Longitudinally Corrugated (LC), Tape Shield

Conductor Material: Aluminum, Copper

Conductor Sizes (Imperial): 1 AWG, 1/0 AWG, 1000 kcmil, 2/0 AWG, 250 kcmil,
3/0 AWG, 350 kcmil, 4/0 AWG, 400 kcmil, 500 kcmil, 600 kcmil, 650 kcmil, 700
kcmil, 750 kcmil, 800 kcmil, 900 kcmil

Insulation Level: 1.33, 100%, 133%

Insulation Outer Diameter (Imperial): 0.84 in, 0.85 in, 0.86 in, 0.87 in, 0.88 in,
0.89 in, 0.9 in, 0.91 in, 0.92 in, 0.93 in, 0.94 in, 0.95 in, 0.96 in, 0.97 in, 0.98 in,
0.99 in, 1 in, 1.01 in, 1.02 in, 1.03 in, 1.04 in, 1.05 in, 1.06 in, 1.07 in, 1.08 in,
1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in, 1.16 in, 1.17 in, 1.18 in,
1.19 in, 1.2 in, 1.21 in, 1.22 in, 1.23 in, 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in,
1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in,
1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in,
1.49 in, 1.5 in, 1.51 in, 1.52 in, 1.53 in, 1.54 in, 1.55 in, 1.56 in, 1.57 in, 1.58 in,
1.59 in, 1.6 in, 1.61 in, 1.62 in, 1.63 in, 1.64 in, 1.65 in, 1.66 in, 1.67 in, 1.68 in,
1.69 in, 1.7 in, 1.71 in, 1.72 in, 1.73 in, 1.74 in, 1.75 in, 1.76 in, 1.77 in, 1.78 in,
1.79 in, 1.8 in, 1.81 in, 1.82 in, 1.83 in, 1.84 in, 1.85 in, 1.86 in, 1.87 in, 1.88 in,
1.89 in, 1.9 in, 1.91 in, 1.92 in, 1.93 in, 1.94 in, 1.95 in, 1.96 in, 1.97 in, 1.98 in,
1.99 in, 2 in, 2.01 in, 2.02 in, 2.03 in, 2.04 in, 2.05 in, 2.06 in, 2.07 in

Number of Conductors: 1

Splice Type: Cold Shrink

Voltage: 25/28 kV

eClass 14 Classification Group: 27400107

3M™ Cold Shrink QS-III 3/C Armored or Non-Armored Cable Splice Kits 5775A-MT, 5776A-MT & 5777A-MT for 5/8 kV

Details

Splices shielded cables

Silicon rubber-splice body provides good high- or low-temperature performance and Armorcast™ jacket offers mechanical protection

Suitable for use with 10000 and 20000 Series connectors or other UL Listed inline compression connectors

Solderless ground braid offers constant force spring connection

Rated for 5/8 to 15 kV applications

Typical properties

Application: Cable Connection

Cable Shielding: Non-Armored Shielded, Shielded Armored

Conductor Material: Aluminum, Copper

Conductor Sizes (Imperial): 250 kcmil, 3/0 AWG, 300 kcmil, 350 kcmil, 4/0 AWG, 400 kcmil, 500 kcmil, 600 kcmil, 750 kcmil

Insulation Level: 1.33, 100%, 133%

Insulation Outer Diameter (Imperial): 0.64 in, 0.65 in, 0.66 in, 0.67 in, 0.68 in, 0.69 in, 0.7 in, 0.71 in, 0.72 in, 0.73 in, 0.74 in, 0.75 in, 0.76 in, 0.77 in, 0.78 in, 0.79 in, 0.8 in, 0.81 in, 0.82 in, 0.83 in, 0.84 in, 0.85 in, 0.86 in, 0.87 in, 0.88 in, 0.89 in, 0.9 in, 0.91 in, 0.92 in, 0.93 in, 0.94 in, 0.95 in, 0.96 in, 0.97 in, 0.98 in, 0.99 in, 1 in, 1.01 in, 1.02 in, 1.03 in, 1.04 in, 1.05 in, 1.06 in, 1.07 in, 1.08 in, 1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in, 1.16 in, 1.17 in, 1.18 in, 1.19 in, 1.2 in, 1.21 in, 1.22 in, 1.23 in, 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in, 1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in, 1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in, 1.49 in, 1.5 in, 1.51 in, 1.52 in, 1.53 in, 1.54 in, 1.55 in, 1.56 in, 1.57 in, 1.58 in, 1.59 in, 1.6 in, 1.61 in, 1.62 in, 1.63 in, 1.64 in, 1.65 in, 1.66 in, 1.67 in, 1.68 in, 1.69 in, 1.7 in

Insulation Outside Diameter Range: 0.64 - 1.01 Inch, 0.84 - 1.38 Inch

Insulation Outside Diameter Range (Metric): 16.3 - 25.7 mm, 21.3 - 35.1 mm

Number of Conductors: 3

Product Color: Black

Product Series: 5700, 5775A-MT

Splice Type: Cold Shrink

Voltage: 15 kV

eClass 14 Classification Group: 27400107

3M™ Scotchlok™ Nylon Insulated with Insulation Grip Bullet-Style Female Disconnects

Details

Red nylon-insulated, butted-seam barrel with a funnel-designed, seamless brass sleeve offers easy insertion of wires
Dents and rolled edges of this female disconnect terminal offer excellent holding force
Allows for quick and easy disconnect of wires
Mates with 0.156-in wide male tab
Accommodates wire sizes 22 to 18 AWG
Made of durable brass for good conductivity and has corrosion-resistant tin plating
Withstands a temperature range of -40 to 221 degrees F (-40 to 105 degrees C)
Rated 600V for building wire and 1000V for signs, fixtures or luminaires
UL Listed, CSA Certified and RoHS 2011/65/EU Compliant
1000/case

Typical properties

Barrel Inside Diameter: 0.115 Inch,0.145 Inch,0.095 Inch
Barrel Length (Imperial): 0.25 Inch
Barrel Style: Butted
Bullet Diameter: 0.180,0.156
Connection Type: Wire
Connection Width (Imperial): 0.156 in, 0.18 in
Connection Width (Metric): 3.962 mm, 4.572 mm
Connector / Connector Tool: Connector
Connector Style: Insulation Displacement
Diameter (D): 0.23 Inch
Disconnect Type: Female
Fastener Orientation: Female
Flame Retardant: No
Grease Filling Against Corrosion: No
Insulation Color: Blue, Red
Insulation Material: Nylon with Insulation Grip
Interrupt Free Shifting: No
Material: ETP Copper, Plastic
Mating Snap Diameter (S): 0.18 Inch,0.156 Inch,0.180 Inch
Maximum Conductor Size (Imperial): 14 AWG, 18 AWG
Maximum Conductor Size (Metric): 1 mm², 2.5 mm²
Maximum Insulation Outer Diameter (Imperial): 0.145 in, 0.15 in, 0.17 in, 0.19 in
Maximum Insulation Outer Diameter (Metric): 3.7 mm
Maximum Insulation Outside Diameter: 0.145 in
Maximum Operating Temperature (Celsius): 105 °C
Maximum Operating Temperature (Fahrenheit): 221 °F
Maximum Recommended Voltage Rating: 600 V
Minimum Conductor Size (Imperial): 16 AWG, 22 AWG
Minimum Conductor Size (Metric): .34 mm², 1.5 mm²
Pad Width: 0.156 in, 0.18 in

Product Color: Blue, Red
Tab Width: 0.250,0.187
Terminal Style: Bullet Snap Plug
Terminal Type: Disconnect
Units per Case: 500.0,1000.0
Voltage Application: Low Voltage
eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Diameter (Imperial): 0.23 in
Overall Length (Imperial): 0.99 in, 1 in, 1.02 in
Overall Length (Metric): 25.14 mm
Overall Width (Imperial): 0.37 in

3M™ PILC Splice Kits

Details

Oil stop tubes provide re-jacketing and moisture-seal protection to the splice
Resists water and eliminates the need for sweat lead
Designed for PILC transition to the poly/EPR cable
Rated for 15 kV applications
Maintains resiliency and pressure even after years of aging and exposure

Typical properties

Barrel Style: Standard Barrel

Cable Shielding: PILC

Case Quantity: 1

Connector Base Metal: Aluminum

Connector O.D. Range: 0.70 - 1.02 Inch, 0.90 - 1.30 Inch, 1.10 - 1.66 Inch

Connector O.D. Range (Metric): 17.8 - 25.8 mm, 23 - 51 mm, 28 - 42 mm

For Use With: Aluminum or Copper Conductors

Indoor/Outdoor: Both

Inside Diameter (Imperial): 0.2 in

Inside Diameter (Metric): 5.1 mm

Insulation Outer Diameter (Imperial): 0.56 in, 0.57 in, 0.58 in, 0.59 in, 0.6 in, 0.61 in, 0.62 in, 0.63 in, 0.64 in, 0.65 in, 0.66 in, 0.67 in, 0.68 in, 0.69 in, 0.7 in, 0.71 in, 0.72 in, 0.73 in, 0.74 in, 0.75 in, 0.76 in, 0.77 in, 0.78 in, 0.79 in, 0.8 in, 0.81 in, 0.82 in, 0.83 in, 0.84 in, 0.85 in, 0.86 in, 0.87 in, 0.88 in, 0.89 in, 0.9 in, 0.91 in, 0.92 in, 0.93 in, 0.94 in, 0.95 in, 0.96 in, 0.97 in, 0.98 in, 0.99 in, 1 in, 1.01 in, 1.02 in, 1.03 in, 1.04 in, 1.05 in, 1.06 in, 1.07 in, 1.08 in, 1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in, 1.16 in, 1.17 in, 1.18 in, 1.19 in, 1.2 in, 1.21 in, 1.22 in, 1.23 in, 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in, 1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in, 1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in, 1.49 in, 1.5 in, 1.51 in, 1.52 in, 1.53 in, 1.54 in, 1.55 in, 1.56 in

Insulation Outer Diameter (Metric): 14.224 mm, 14.478 mm, 14.732 mm, 14.986 mm, 15.24 mm, 15.494 mm, 15.748 mm, 16.002 mm, 16.256 mm, 16.51 mm, 16.764 mm, 17.018 mm, 17.272 mm, 17.526 mm, 17.78 mm, 18.034 mm, 18.288 mm, 18.542 mm, 18.796 mm, 19.05 mm, 19.304 mm, 19.558 mm, 19.812 mm, 20.066 mm, 20.32 mm, 20.574 mm, 20.828 mm, 21.082 mm, 21.336 mm, 21.59 mm, 21.844 mm, 22.098 mm, 22.352 mm, 22.606 mm, 22.86 mm, 23.114 mm, 23.368 mm, 23.622 mm, 23.876 mm, 24.13 mm, 24.384 mm, 24.638 mm, 24.892 mm, 25.146 mm, 25.4 mm, 25.654 mm, 25.908 mm, 26.162 mm, 26.416 mm, 26.67 mm, 26.924 mm, 27.178 mm, 27.432 mm, 27.686 mm, 27.94 mm, 28.194 mm, 28.448 mm, 28.702 mm, 28.956 mm, 29.21 mm, 29.464 mm, 29.718 mm, 29.972 mm, 30.226 mm, 30.48 mm, 30.734 mm, 30.988 mm, 31.242 mm, 31.496 mm, 31.75 mm, 32.004 mm, 32.258 mm, 32.512 mm, 32.766 mm, 33.02 mm, 33.274 mm, 33.528 mm, 33.782 mm, 34.036 mm, 34.29 mm, 34.544 mm, 34.798 mm, 35.052 mm, 35.306 mm, 35.56 mm, 35.814 mm, 36.068 mm, 36.322 mm, 36.576 mm, 36.83 mm, 37.084 mm, 37.338 mm, 37.592 mm, 37.846 mm, 38.1 mm, 38.354 mm, 38.608 mm, 38.862 mm, 39.116 mm, 39.37 mm, 39.624 mm

Maximum Conductor Size (Imperial): 6 AWG

Maximum Conductor Size (Metric): 16 mm²

Maximum Connector Length: 5.0 inch (Al), 5.2 inch (Al), 5.5 inch (Cu), 6.5 inch (Al), 7.5 inch (Cu)
Maximum Connector Length (Metric): 127 mm (Al), 132 mm (Al), 140 mm (Cu), 165 mm (Al), 190 mm (Cu)
Maximum Operating Voltage: 35 Kilovolt
Number of Conductors: 1
Outer Diameter (Imperial): 0.34 in
PILC Cable Conductor Sizes: 1 AWG, 1/0 AWG, 1000 kcmil, 2 AWG, 2/0 AWG, 250 AWG, 3/0 AWG, 350 kcmil, 4 AWG, 4/0 AWG, 400 kcmil, 500 kcmil, 600 kcmil, 700 kcmil, 750 kcmil, 800 kcmil, 900 kcmil
PILC Cable Conductor Sizes (Metric): 200 - 500 mm², 25 - 70 mm²
PILC Cable Insulation O.D. Range: 0.56 - 0.88 Inch, 0.74 - 1.17 Inch, 0.98 - 1.56 Inch
PILC Cable Insulation O.D. Range (Metric): 14.2 - 22.4 mm, 18.8 - 29.7 mm, 24.9 - 39.6 mm
Poly/EPR Cable Conductor Sizes: 1 AWG, 1/0 AWG, 1000 kcmil, 2/0 AWG, 250 kcmil, 3/0 AWG, 350 kcmil, 4/0 AWG, 500 kcmil, 750 kcmil
Poly/EPR Cable Conductor Sizes (Metric): 240 - 500 mm², 50 - 95 mm²
Poly/EPR Cable Insulation O.D. Range: 0.70 - 1.07 Inch, 0.88 - 1.36 Inch, 1.12 - 1.70 Inch
Poly/EPR Cable Insulation O.D. Range (Metric): 17.8 - 27.2 mm, 22.0 - 34.6 mm, 28.4 - 43.2 mm
Product Color: Black, Gray
Product Series: 20000, QS2000T, QS2000T Series
Splice Type: PILC Transition
Voltage: 15 kV, 25/28 kV, 35 kV, 5 kV, 8 kV
eClass 14 Classification Group: 27400107

Dimensions and Classifications

Overall Length (Imperial): 1.62 in
Overall Length (Metric): 41.1 mm

3M™ Scotchlok™ Copper One Hole Lug Series 30000

Details

Standard barrel ensures a secure fit and offers reliable performance
Barrel has colored stripes that help to indicate the wire range
Suitable for indoor and outdoor applications
Made of copper for good conductivity and tin plating for corrosion resistance
Rated up to 35 kV
UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Barrel Length (Imperial): 0.75 in, 0.87 in, 0.86 in, 0.94 in, 0.81 in, 0.97 in
Barrel Length (Metric): 19.1 mm, 20.7 mm, 21.8 mm, 22.1 mm, 23.8 mm, 24.6 mm
Barrel Style: Standard Barrel
Case Quantity: 25, 50, 10
Center of Hole to Center of Hole: 0.531 Inch, 0.375 Inch
Center of Hole to End of Pad: 0.37 Inch, 0.53 Inch
Center of Hole to End of Pad (Metric): 13.4 mm, 9.5 mm
Compatible Conductor Size (Imperial): 1 AWG, 1/0 AWG, 2 AWG, 2/0 AWG, 3/0 AWG, 4 AWG, 4/0 AWG, 6 AWG
Compatible Conductor Size (Metric): 120 mm², 16 mm², 25 mm², 35 mm², 50 mm², 70 mm², 95 mm²
Connector Description: One Hole
For Use With: Copper Conductor Only
Inside Diameter (Imperial): 0.19 in, 0.24 in, 0.3 in, 0.35 in, 0.39 in, 0.43 in, 0.49 in, 0.54 in
Inside Diameter (Metric): 11.2 mm, 7.8 mm, 6.2 mm, 5.0 mm, 10.0 mm, 9.1 mm, 13.9 mm, 12.4 mm
Lug Type: Compression Lugs
Material: Copper
Maximum Conductor Size (Imperial): 1 AWG, 1/0 AWG, 2 AWG, 2/0 AWG, 3/0 AWG, 4 AWG, 4/0 AWG, 6 AWG
Maximum Installed Length: 16.00 in
Maximum Operating Voltage: 35 Kilovolt
Number of Stud Holes: 1
Outer Diameter (Imperial): 0.29 in, 0.34 in, 0.42 in, 0.46 in, 0.51 in, 0.56 in, 0.62 in, 0.68 in
Pad Length (Imperial): 0.75 in, 0.89 in, 1.11 in
Pad Length (Metric): 19.1 mm, 22.6 mm, 28.2 mm
Pad Width: 0.43 in, 0.48 in, 0.5 in, 0.59 in, 0.63 in, 0.69 in, 0.75 in, 0.81 in, 0.91 in, 1 in
Pad Width (Metric): 11.0 mm, 12.3 mm, 12.7 mm, 15.1 mm, 15.9 mm, 17.5 mm, 19.1 mm, 20.7 mm, 23.1 mm, 25.4 mm
Product Color: Black, Blue, Brown, Gray, Green, Orange, Pink, Purple
Product Series: 30000
Stud Sizes: #10, 1/2 Inch, 1/4 Inch, 3/8 Inch, 5/16 inch
eClass 14 Classification Group: 15090900

Dimensions and Classifications

Overall Length (Imperial): 1.78 in, 1.94 in, 1.97 in, 2.16 in, 2.37 in, 2.6 in, 2.63 in
Overall Length (Metric): 45.2 mm, 49.3 mm, 50 mm, 54.9 mm, 60.2 mm, 65.9 mm, 66.8 mm

3M™ Scotchlok™ Vinyl Insulated Butted Seam Locking Forks

Details

Vinyl-insulated, butted-seam barrel ensures a secure fit and offers reliable performance

Funnel-designed, polyvinyl chloride sleeve offers easy insertion of wires

Spring-like tongue firmly fits around the stud

Electrolytic copper construction offers good conductivity

Withstands a temperature range of -40 to 221 degrees F (-40 to 105 degrees C)

600V-rated for building wire and 1000V-rated for signs, fixtures or luminaires

UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Barrel Inside Diameter: 0.09 Inch,0.07 Inch,0.135 Inch

Barrel Length (Imperial): 0.25 Inch

Barrel Style: Butted

CSA File Number: LR22190

Clearance (C): 0.25 Inch,0.28 Inch,0.44 Inch,0.4 Inch

Dimension E: 0.85 Inch,0.99 Inch,0.83 Inch,0.7 Inch

Fork Type: Locking

Insulation Material: Vinyl

Material: Plastic

Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG

Maximum Conductor Size (Metric): .0823 mm², 2.08 mm², 5.26 mm²

Maximum Insulation Outer Diameter (Imperial): 0.145 in, 0.17 in, 0.25 in

Maximum Insulation Outer Diameter (Metric): 3.7 mm

Maximum Insulation Outside Diameter: 0.145 in

Maximum Lock Width: 0.34 Inch,0.35 Inch,0.27 Inch,0.3 Inch,0.48 Inch,0.36 Inch

Maximum Operating Temperature (Celsius): 105 °C

Maximum Operating Temperature (Fahrenheit): 221 °F

Maximum Recommended Voltage Rating: 600 V

Maximum Voltage Rating: 600 to 1000 V

Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 22 AWG

Minimum Conductor Size (Metric): 0.326 mm², 1.31 mm², 3.31 mm²

Operating Temperature Range (Celsius): -40 °C to 105 °C

Operating Temperature Range (Fahrenheit): -40 °F to 221 °F

Product Color: Red, Yellow

Solution for: Wireless Network: Infrastructure Accessories

Stud Diameter (Imperial): 0.112 in, 0.138 in, 0.164 in, 0.19 in, 0.25 in

Stud Diameter (Metric): 2.845 mm, 3.505 mm, 4.166 mm, 4.826 mm, 6.35 mm

Stud Size: #4,#10,#6,1/4 Inch,#8

Terminal Style: Locking

Terminal Type: Fork

UL File Number: E23438

Units per Case: 500.0,1000.0

eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Length (Imperial): 0.88 in, 1.03 in, 1.1 in, 1.24 in
Overall Length (Metric): 26.16 mm
Overall Width (Imperial): 0.25 in, 0.28 in, 0.3 in, 0.32 in, 0.43 in
Overall Width (Metric): 8.12 mm

3M™ Scotchlok™ Non-Insulated Butted Seam Male Disconnects

Details

Non-insulated, butted-seam barrel with a beveled mouth offers easy insertion of wires

This male disconnect terminal offers excellent holding force

Allows for quick and easy disconnect of wires

Accommodates wire sizes 16 to 14 AWG

Made of electrolytic copper for good conductivity and has corrosion-resistant tin plating

Typical properties

Barrel Inside Diameter: 0.09 Inch,0.085 Inch,0.065 Inch,0.15 Inch,0.150 Inch,0.08 Inch

Barrel Length (Imperial): 0.25 Inch,0.19 Inch,0.24 Inch

Barrel Style: Butted, Insulation Grip

Bullet Diameter: 0.180,0.156

CSA File Number: LR22190

Connection Width (Imperial): 0.156 in, 0.187 in, 0.25 in

Connection Width (Metric): 3.962 mm, 4.75 mm, 6.35 mm

Disconnect Type: Male

Fastener Orientation: Male

Insulation Material: Non-insulated, Nylon

Male Tab Width (W'): 0.187 Inch, 0.25 Inch, 0.250 Inch

Mating Snap Diameter (S): 0.156 Inch

Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG

Maximum Conductor Size (Metric): 1 mm², 2.5 mm², 6 mm²

Maximum Insulation Outer Diameter (Imperial): 0.19 in

Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 22 AWG

Minimum Conductor Size (Metric): .34 mm², 1.5 mm², 4 mm²

Pad Width: 0.156 in, 0.187 in, 0.25 in

Solution for: Wireless Network: Infrastructure Accessories

Tab Width: 0.250,0.187

Terminal Style: Bullet Snap Plug, Standard

Terminal Type: Disconnect

UL File Number: E70512

Units per Case: 500.0,1000.0

eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Length (Imperial): 0.064 in, 0.64 in, 0.73 in, 0.75 in, 0.87 in

3M™ Molded Rubber QS-II Inline CN/JCN Cable Splice Kits 5450 Series

Details

Jacketing kit is required for JCN cable

Meets the requirements of IEEE 404 standards for cable joints

Computer design ensures a compact size and optimal distribution of the electrical field

Designed for direct burial installations, aerial installations and submerged locations

Peroxide-cured EPDM rubber construction offers long term elastic memory

Typical properties

Application: Aerial Installations, Direct-Burial Installations, For Inline Splicing, Submerged Locations

Application/Industry: Utility

Cable Shielding: Concentric Neutral (CN), Jacketed Concentric Neutral (JCN)

Case Quantity: 1

Conductor Material: Aluminum, Copper

Conductor Sizes (Imperial): 1 AWG, 1 AWG (Solid), 1 AWG (Stranded), 1/0 AWG, 1/0 AWG (Solid), 1/0 AWG (Stranded), 2 AWG, 2 AWG (Stranded), 2 to 2/0 AWG, 2/0 AWG (Stranded), 3/0 AWG, 4/0 AWG

Conductor Sizes (Metric): 35 mm² (Stranded), 50 mm² (Solid), 50 mm² (Stranded), 70 mm² (Stranded)

Connector Included: 20006, CI-1/0-840, CI-1/0A, CI-1A, CI-2/0, CI-21-840, CI-2A, None

Insulation Level: 100%, 133%

Insulation O.D. Range: 0.775 - 0.90 Inch, 0.83 - 1.04 Inch, 0.905 - 1.055 Inch, 1.00 - 1.15 Inch

Insulation Outer Diameter (Imperial): 0.83 in, 0.84 in, 0.85 in, 0.86 in, 0.87 in, 0.88 in, 0.89 in, 0.9 in, 0.91 in, 0.92 in, 0.93 in, 0.94 in, 0.95 in, 0.96 in, 0.97 in, 0.98 in, 0.99 in, 1 in, 1.01 in, 1.02 in, 1.03 in, 1.04 in, 1.05 in, 1.06 in, 1.07 in, 1.08 in, 1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in

Insulation Outer Diameter (Metric): 21.082 mm, 21.336 mm, 21.59 mm, 21.844 mm, 22.098 mm, 22.352 mm, 22.606 mm, 22.86 mm, 23.114 mm, 23.368 mm, 23.622 mm, 23.876 mm, 24.13 mm, 24.384 mm, 24.638 mm, 24.892 mm, 25.146 mm, 25.4 mm, 25.654 mm, 25.908 mm, 26.162 mm, 26.416 mm, 26.67 mm, 26.924 mm, 27.178 mm, 27.432 mm, 27.686 mm, 27.94 mm, 28.194 mm, 28.448 mm, 28.702 mm, 28.956 mm, 29.21 mm

Insulation Outside Diameter Range: 0.775 - 0.90 Inch, 0.83 - 1.04 Inch, 0.83 to 1.04 in, 0.905 - 1.055 Inch, 1.00 - 1.15 Inch

Insulation Outside Diameter Range (Metric): 19.7 - 22.9 mm, 21.1 - 26.4 mm, 21.1 to 26.4 mm, 23.0 - 26.8 mm, 25.4 - 29.2 mm

Kit Includes: (1) Instruction Sheet

Maximum Conductor Size (Imperial): 1 AWG, 1/0 AWG, 2 AWG, 2/0 AWG, 2/0 AWG (Stranded), 4/0 AWG

Maximum Conductor Size (Metric): 120 mm², 35 mm², 50 mm², 70 mm², 70 mm² (Stranded)

Minimum Conductor Size (Imperial): 2 AWG, 3/0 AWG

Minimum Conductor Size (Metric): 35 mm², 95 mm²

Number of Conductors: 1

Operating Voltage: 15 kV, 25 kV, 28 kV

Product Color: Black, White

Product Series: 5411, 5411A & 5412 Series, 5450 Series, 5451A Series

Product Type: Inline, Splice

Splice Type: Inline

Typical Splice Length: 14.4 in

Typical Splice Length (Metric): 366 mm

Voltage: 25/28 kV

3M™ Motor Lead Pigtail Splice Kits, 1-Hole Lug Connections 5300-5304 Series

Details

Splices motor lead cables to incoming feeder cables
Designed to use with copper compression, 1-hole lugs
Slip-on lug cover is made of durable EPDM rubber
For pigtail (stub) connections at 1000V or less
Includes 3 each of pigtail lug covers, mastic sealing strips, and tubes of silicone grease, plus an instruction sheet
CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Application: Cross Linked Polyethylene Cable, Ethylene Propylene Rubber Cable, For Insulating and Sealing Motor Lead Connections for Copper Conductors, Polyethylene Cable
Application/Industry: Commercial Construction, Industrial Construction
Cable Shielding: Non-shielded, Single Conductor Cable
Connection Type: Pigtail (Non-shielded)
Insulation Outside Diameter: 0.17-0.36 Inch, 0.12-0.21 Inch, 0.34-0.54 Inch, 0.40-0.80 Inch, 0.67-1.05 Inch
Insulation Outside Diameter Range: 0.12-0.21 in, 0.17-0.36 in, 0.34-0.54 in, 0.40-0.80 in, 0.67-1.05 in
Insulation Outside Diameter Range (Metric): 10.2 - 20.3 mm, 17.0 - 26.7 mm, 3.0 - 5.3 mm, 4.3 - 9.1 mm, 8.6 - 13.7 mm
Kit Includes: (3) Pigtail Lug Covers
Lug Cover Inner Diameter: 0.45 in, 0.70 in, 0.95 in, 1.20 in, 1.70 in
Lug Cover Inner Diameter (Metric): 11.4 mm, 17.8 mm, 24.1 mm, 30.5 mm, 43.2 mm
Lug Cover Length: 2.1 in, 3.4 in, 4.2 in, 5.3 in, 6.7 in
Lug Cover Length (Metric): 106.7 mm, 134.6 mm, 170.2 mm, 53.3 mm, 86.4 mm
Maximum Bolt Length: 1-1/2 in, 1-1/4 in, 1/2 in, 3/4 in, 3/8 in
Maximum Bolt Length (Metric): 12.7 mm, 19.1 mm, 31.8 mm, 38.1 mm, 9.5 mm
Maximum Feeder Lead Size: 1/0 AWG, 10 AWG, 250 kcmil, 4 AWG, 500 kcmil
Maximum Motor Lead Size: 1/0 AWG, 12 AWG, 250 kcmil, 4 AWG, 500 kcmil
Maximum Operating Voltage: 1 kV
Product Color: Black
Range Feeder Cable (AWG & kcmil): 1/0-250, 10-4, 14-10, 2-1/0, 250-500
Splice Type: Pigtail Only
Units per Case: 1.0
Voltage: 1 kV

3M™ PS Cold Shrink Insertion Seals

Details

Designed to seal the open space between a steel casing and a plastic gas pipe
Offers good thermal stability and resists acids, alkalis, fungus, ozone, ultraviolet light
Ideal for sealing between polyethylene gas pipe and steel casement
Made of EPDM rubber for tight sealing
RoHS 2011/65/EU Complaint

Typical properties

Brands: 3M™
Cable Accessory Products: Sealing and Grounding Kits
Material: EPDM Rubber
Maximum Cable Diameter (Imperial): 0.875 in, 1.056 in
Maximum Cable Diameter (Metric): 22.2 mm, 28.6 mm
Minimum Cable Diameter (Imperial): 0.625 in, 0.875 in
Minimum Cable Diameter (Metric): 15.9 mm, 22.2 mm
Units per Case: 10.0

3M™ Heat Shrink Heavy-Wall Cable Sleeves ITCSN

Details

IDEAL FOR A VARIETY OF APPLICATIONS: Used for insulating secondary splices; direct-buried, submersible, or dig in repairs; and physical protection of high voltage, air-insulated connectors or lugs
VOLTAGE: UL 486D, Voltage Rating 600 V; Applies to: ITCSN 0400, 0800, 1100, 1500, 2000; CSA Certified ITCSN 0400, 0800, 1100, 1500, 2000, 3000
DURABLE CONSTRUCTION: Adhesive-lined, split resistant, fast shrinking, and made from cross-linked polyolefin; non-adhesive options are also available
HIGHLY RESISTANT: Delivers mechanical and environmental protection against abrasion, corrosion, and chemicals
WIDE OPERATING TEMPERATURE RANGE: Withstands temperatures between 67–230 °F (55–110 °C)
CERTIFICATIONS: UL Listed, CSA Certified, and RoHS 2011/65/EU Compliant

Typical properties

Adhesive Lined: No, Yes
Adhesive Material: Hot melt adhesive layer, Hot-melt adhesive
Agency Approvals: CSA, ABS, CSA, UL 486D
Applicable SAE-AMS-DTL-23053 Specifications: 23053/15 class 2
Application Specifications: UL Listed 486 D for 600V, File Number E102356; CSA Certified File LR86335
Brands: 3M™
Cable Size Range: 12-6 AWG, 1500-2500 kcmil, 2-4/0 AWG, 2.1-4.8 in, 250-750 kcmil, 3/0 AWG-450 kcmil, 600-1250 kcmil, 8-1/0 AWG
Case Quantity: 100, 3 pieces/pack, 12 packs, 25, 5, 50, 20, 1 Reel, 10
Chemical Resistant: Yes
Conductor Sizes (Imperial): 1 AWG, 1/0 AWG, 2 AWG, 2/0 AWG, 3/0 AWG, 4/0 AWG
Conductor Sizes (Metric): 120 mm²
Dielectric Strength (V/mil): 500 V/mil
Direct Bury: No, Yes
Elongation: 4.75 %
Expanded Inner Diameter: 0.4 in, 0.8 in, 1.1 in, 1.5 in, 2 in, 3 in, 4.5 in, 6 in
Expanded Inner Diameter (Metric): 10.2 mm, 114.3 mm, 152.4 mm, 20.3 mm, 27.9 mm, 38.1 mm, 50.8 mm, 76.2 mm
Flame Retardant: No
Flammability Rating: Non-Flame Retardant
Heat Shrink Type: Adhesive-Lined Polyolefin Heat Shrink Tubing
Inner Diameter After Shrink (Imperial): 0.062 in, 0.15 in, 0.2 in, 0.37 in, 0.5 in, 0.65 in, 1 in, 1.5 in, 2.1 in
Inner Diameter After Shrink (Metric): 0.381 cm², 0.508 cm², 0.94 cm², 1.27 cm², 1.57 mm, 1.651 cm², 1.8 mm, 2.54 cm², 3.8 mm, 3.81 cm², 3.81 mm, 5.1 mm, 9.4 mm, 12.7 mm, 16.5 mm
Inner Diameter Before Shrink (Imperial): 0.125 in, 0.4 in, 0.8 in, 1.1 in, 1.5 in, 2 in, 3 in, 4.5 in, 4.8 in

Inner Diameter Before Shrink (Metric): 1.016 cm², 2.032 cm², 2.794 cm², 3.18 mm, 3.81 cm², 5.08 cm², 6 mm, 7.62 cm², 10.16 mm, 10.2 mm, 11.43 cm², 20.3 mm, 27.9 mm, 38.1 mm, 50.8 mm
Material: Adhesive-lined Polyolefin, Polyolefin
Maximum Conductor Size (Imperial): 1/0 AWG, 1250 kcmil, 2500 kcmil, 4/0 AWG, 450 kcmil, 6 AWG, 750 kcmil
Maximum Conductor Size (Metric): 120 mm², 1267 mm², 16 mm², 240 mm², 400 mm², 50 mm², 633.4 mm²
Maximum Operating Temperature (Celsius): 100 °C, 110 °C
Maximum Operating Temperature (Fahrenheit): 230 °F
Maximum Voltage Rating: 1 kV
Mil Spec: AMS-DTL-23053/15, Class 1, SAE-AMS-DTL-23053/15, Class 1
Minimum Conductor Size (Imperial): 12 AWG, 1500 kcmil, 2 AWG, 250 kcmil, 3/0 AWG, 600 kcmil, 8 AWG
Minimum Conductor Size (Metric): 10 mm², 120 mm², 300 mm², 35 mm², 4 mm², 760.1 mm², 95 mm²
Minimum Expanded Tubing I. D.: 0.4 in, 0.8 in, 1.1 in, 1.5 in, 2 in, 3 in, 4.5 in, 6 in
Minimum Shrink Temperature (Celsius): 121 °C
Minimum Shrink Temperature (Fahrenheit): 250 °F
Non-Corrosive: Yes
Operating Temperature (Celsius): -55 to 100 Degrees Celsius, -55 °C to 110 °C
Operating Temperature (Fahrenheit): -67 °F to 230 °F
Operating Temperature Range (Celsius): -55 °C to +110 °C, -55 °C to -100 °C
Operating Temperature Range (Fahrenheit): -67 °F to 230 °F
Product Color: Black, Red
Product Form: Sleeve-roll
Product Type: Sleeve, Splice
Recovered Inner Diameter: 0.15 in, 0.2 in, 0.37 in, 0.5 in, 0.65 in, 1 in, 1.5 in, 1.8 in
Recovered Inner Diameter (Metric): 3.8 mm, 5.1 mm, 9.4 mm, 12.7 mm, 16.5 mm, 25.4 mm, 38.1 mm, 45.7 mm
Shrink Ratio: 3:1, 4:1
Solution for: Access Network: FTTH/FTTB/CATV, Access Network: xDSL, Long-haul/Metro Loop Network: CO/POP, Long-haul/Metro Loop Network: Outdoor, Wireless Network: Backhaul
Specifications Met: UL 486D*
Splice Configuration: Heat Shrink Heavy-Wall Cable Sleeve (ITCSN)
Splice Type: Heat Shrink
Tensile Strength (Imperial): 2400 Pound-Force Per Square Inch
Tubing Type: Heavy Wall
UL File Number: E-102356
Units per Case: 25.0, 1.0, 50.0, 3.0, 10.0, 5.0, 20.0, 100.0
Voltage: 1 kV
Voltage Rating: UL Rated to 600 V (Shall not exceed 1 kV), 600 V
eClass 14 Classification Group: 27400105

Dimensions and Classifications

Overall Length (Imperial): 6 in, 9 in, 12 in, 25 ft, 48 in
Overall Length (Metric): 7.62 mm, 152 mm, 152.4 mm, 228.6 mm, 229 mm, 304.8 mm, 305 mm, 1219 mm
Overall Width (Imperial): 1.1 in, 48 in

3M™ Highland™ Terminal Kit, HTK-1, 180 pieces, refillable kit is compact, portable and durable, 4 Kits/Case

Part Number HTK-1 3M ID 7100112734 UPC 00051128613597

Details

12 of the most popular 3M™ Highland™ Terminals in 1 convenient kit (15 pieces each, 180 pieces total)

3M Highland Terminals are UL LISTED and CSA Certified

Refillable kit is compact, portable and durable

Made in the U.S.A

Typical properties

Brands: Highland™

Color Code: Clear

Kit Material: Plastic

Terminal Type: Terminal Kits

Terminal quantity: 180

3M™ Cold Shrink Inline Splice Kits 5730 Series

Details

Designed for use with armor power cable
Used for indoor and outdoor installations
Perfect for use in aerial, direct-burial and submersible applications
Rated for up to 1 kV applications
Includes 1 PST jacket tube, • constant force springs, • shielding tape 24 strips and 1 copper shielding sleeve
CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Brands: 3M™
Cable Shielding: Concentric Neutral (CN), Jacketed Concentric Neutral (JCN), Non-shielded
Cable Size Range: 14-10 AWG, 2/0 AWG-250 MCM, 250-500 MCM, 500-750 MCM, 8-4 AWG
Cable Type: Armored Power Cable, Power Cable
Conductor Sizes (Imperial): 1/0 AWG, 10 AWG, 250 kcmil, 4 AWG, 500 kcmil, 750 kcmil
Conductor Sizes (Metric): 120 mm², 240 mm², 25 mm², 400 mm², 50 mm², 6 mm²
Conductor Type: Aluminum or Copper
Insulation Outer Diameter (Imperial): 0.95 in, 0.96 in, 0.97 in, 0.98 in, 0.99 in, 1 in, 1.01 in, 1.02 in, 1.03 in, 1.04 in, 1.05 in, 1.06 in, 1.07 in, 1.08 in, 1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in, 1.16 in, 1.17 in, 1.18 in, 1.19 in, 1.2 in, 1.21 in, 1.22 in, 1.23 in, 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in, 1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in, 1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in, 1.49 in, 1.5 in, 1.51 in, 1.52 in, 1.53 in, 1.54 in, 1.55 in, 1.56 in, 1.57 in, 1.58 in, 1.59 in, 1.6 in, 1.61 in, 1.62 in, 1.63 in, 1.64 in, 1.65 in, 1.66 in, 1.67 in, 1.68 in, 1.69 in, 1.7 in, 1.71 in, 1.72 in, 1.73 in, 1.74 in, 1.75 in, 1.76 in, 1.77 in, 1.78 in, 1.79 in, 1.8 in, 1.81 in, 1.82 in, 1.83 in, 1.84 in, 1.85 in, 1.86 in, 1.87 in, 1.88 in, 1.89 in, 1.9 in, 1.91 in, 1.92 in, 1.93 in, 1.94 in, 1.95 in, 1.96 in, 1.97 in, 1.98 in, 1.99 in, 2 in, 2.01 in, 2.02 in, 2.03 in, 2.04 in, 2.05 in, 2.06 in, 2.07 in, 2.08 in, 2.09 in, 2.1 in, 2.11 in, 2.12 in, 2.13 in, 2.14 in, 2.15 in, 2.16 in, 2.17 in, 2.18 in, 2.19 in, 2.2 in, 2.21 in, 2.22 in, 2.23 in, 2.24 in, 2.25 in, 2.26 in, 2.27 in, 2.28 in, 2.29 in, 2.3 in, 2.31 in, 2.32 in, 2.33 in, 2.34 in, 2.35 in, 2.36 in, 2.37 in, 2.38 in, 2.39 in, 2.4 in, 2.41 in, 2.42 in, 2.43 in, 2.44 in, 2.45 in, 2.46 in, 2.47 in, 2.48 in, 2.49 in, 2.5 in, 2.51 in, 2.52 in, 2.53 in, 2.54 in, 2.55 in, 2.56 in, 2.57 in, 2.58 in, 2.59 in, 2.6 in, 2.61 in, 2.62 in, 2.63 in, 2.64 in, 2.65 in, 2.66 in, 2.67 in, 2.68 in, 2.69 in, 2.7 in, 2.71 in, 2.72 in, 2.73 in, 2.74 in, 2.75 in, 2.76 in, 2.77 in, 2.78 in, 2.79 in, 2.8 in, 2.81 in, 2.82 in, 2.83 in, 2.84 in, 2.85 in, 2.86 in, 2.87 in, 2.88 in, 2.89 in, 2.9 in, 2.91 in, 2.92 in, 2.93 in, 2.94 in, 2.95 in, 2.96 in, 2.97 in, 2.98 in, 2.99 in, 3 in, 3.01 in, 3.02 in, 3.03 in, 3.04 in, 3.05 in, 3.06 in, 3.07 in, 3.08 in, 3.09 in, 3.1 in, 3.11 in, 3.12 in, 3.13 in, 3.14 in, 3.15 in, 3.16 in, 3.17 in, 3.18 in, 3.19 in, 3.2 in, 3.21 in, 3.22 in, 3.23 in, 3.24 in, 3.25 in, 3.26 in, 3.27 in, 3.28 in, 3.29 in, 3.3 in, 3.31 in, 3.32 in, 3.33 in, 3.34 in, 3.35 in, 3.36 in, 3.37 in, 3.38 in, 3.39 in, 3.4 in, 3.41 in, 3.42 in, 3.43 in, 3.44 in, 3.45 in, 3.46 in, 3.47 in, 3.48 in, 3.49 in, 3.5 in, 3.51 in, 3.52 in, 3.53 in, 3.54 in, 3.55 in, 3.56 in, 3.57 in, 3.58 in, 3.59 in, 3.6 in,

3.61 in, 3.62 in, 3.63 in, 3.64 in, 3.65 in, 3.66 in, 3.67 in, 3.68 in, 3.69 in, 3.7 in, 3.71 in, 3.72 in, 3.73 in, 3.74 in, 3.75 in, 3.76 in, 3.77 in, 3.78 in, 3.79 in, 3.8 in, 3.81 in, 3.82 in, 3.83 in, 3.84 in, 3.85 in, 3.86 in, 3.87 in, 3.88 in, 3.89 in, 3.9 in, 3.91 in, 3.92 in, 3.93 in, 3.94 in, 3.95 in, 3.96 in, 3.97 in, 3.98 in, 3.99 in, 4 in
Insulation Outer Diameter (Metric): 24.13 mm, 24.384 mm, 24.638 mm, 24.892 mm, 25.146 mm, 25.4 mm, 25.654 mm, 25.908 mm, 26.162 mm, 26.416 mm, 26.67 mm, 26.924 mm, 27.178 mm, 27.432 mm, 27.686 mm, 27.94 mm, 28.194 mm, 28.448 mm, 28.702 mm, 28.956 mm, 29.21 mm, 29.464 mm, 29.718 mm, 29.972 mm, 30.226 mm, 30.48 mm, 30.734 mm, 30.988 mm, 31.242 mm, 31.496 mm, 31.75 mm, 32.004 mm, 32.258 mm, 32.512 mm, 32.766 mm, 33.02 mm, 33.274 mm, 33.528 mm, 33.782 mm, 34.036 mm, 34.29 mm, 34.544 mm, 34.798 mm, 35.052 mm, 35.306 mm, 35.56 mm, 35.814 mm, 36.068 mm, 36.322 mm, 36.576 mm, 36.83 mm, 37.084 mm, 37.338 mm, 37.592 mm, 37.846 mm, 38.1 mm, 38.354 mm, 38.608 mm, 38.862 mm, 39.116 mm, 39.37 mm, 39.624 mm, 39.878 mm, 40.132 mm, 40.386 mm, 40.64 mm, 40.894 mm, 41.148 mm, 41.402 mm, 41.656 mm, 41.91 mm, 42.164 mm, 42.418 mm, 42.672 mm, 42.926 mm, 43.18 mm, 43.434 mm, 43.688 mm, 43.942 mm, 44.196 mm, 44.45 mm, 44.704 mm, 44.958 mm, 45.212 mm, 45.466 mm, 45.72 mm, 45.974 mm, 46.228 mm, 46.482 mm, 46.736 mm, 46.99 mm, 47.244 mm, 47.498 mm, 47.752 mm, 48.006 mm, 48.26 mm, 48.514 mm, 48.768 mm, 49.022 mm, 49.276 mm, 49.53 mm, 49.784 mm, 50.038 mm, 50.292 mm, 50.546 mm, 50.8 mm, 51.054 mm, 51.308 mm, 51.562 mm, 51.816 mm, 52.07 mm, 52.324 mm, 52.578 mm, 52.832 mm, 53.086 mm, 53.34 mm, 53.594 mm, 53.848 mm, 54.102 mm, 54.356 mm, 54.61 mm, 54.864 mm, 55.118 mm, 55.372 mm, 55.626 mm, 55.88 mm, 56.134 mm, 56.388 mm, 56.642 mm, 56.896 mm, 57.15 mm, 57.404 mm, 57.658 mm, 57.912 mm, 58.166 mm, 58.42 mm, 58.674 mm, 58.928 mm, 59.182 mm, 59.436 mm, 59.69 mm, 59.944 mm, 60.198 mm, 60.452 mm, 60.706 mm, 60.96 mm, 61.214 mm, 61.468 mm, 61.722 mm, 61.976 mm, 62.23 mm, 62.484 mm, 62.738 mm, 62.992 mm, 63.246 mm, 63.5 mm, 63.754 mm, 64.008 mm, 64.262 mm, 64.516 mm, 64.77 mm, 65.024 mm, 65.278 mm, 65.532 mm, 65.786 mm, 66.04 mm, 66.294 mm, 66.548 mm, 66.802 mm, 67.056 mm, 67.31 mm, 67.564 mm, 67.818 mm, 68.072 mm, 68.326 mm, 68.58 mm, 68.834 mm, 69.088 mm, 69.342 mm, 69.596 mm, 69.85 mm, 70.104 mm, 70.358 mm, 70.612 mm, 70.866 mm, 71.12 mm, 71.374 mm, 71.628 mm, 71.882 mm, 72.136 mm, 72.39 mm, 72.644 mm, 72.898 mm, 73.152 mm, 73.406 mm, 73.66 mm, 73.914 mm, 74.168 mm, 74.422 mm, 74.676 mm, 74.93 mm, 75.184 mm, 75.438 mm, 75.692 mm, 75.946 mm, 76.2 mm, 76.454 mm, 76.708 mm, 76.962 mm, 77.216 mm, 77.47 mm, 77.724 mm, 77.978 mm, 78.232 mm, 78.486 mm, 78.74 mm, 78.994 mm, 79.248 mm, 79.502 mm, 79.756 mm, 80.01 mm, 80.264 mm, 80.518 mm, 80.772 mm, 81.026 mm, 81.28 mm, 81.534 mm, 81.788 mm, 82.042 mm, 82.296 mm, 82.55 mm, 82.804 mm, 83.058 mm, 83.312 mm, 83.566 mm, 83.82 mm, 84.074 mm, 84.328 mm, 84.582 mm, 84.836 mm, 85.09 mm, 85.344 mm, 85.598 mm, 85.852 mm, 86.106 mm, 86.36 mm, 86.614 mm, 86.868 mm, 87.122 mm, 87.376 mm, 87.63 mm, 87.884 mm, 88.138 mm, 88.392 mm, 88.646 mm, 88.9 mm, 89.154 mm, 89.408 mm, 89.662 mm, 89.916 mm, 90.17 mm, 90.424 mm, 90.678 mm, 90.932 mm, 91.186 mm, 91.44 mm, 91.694 mm, 91.948 mm, 92.202 mm, 92.456 mm, 92.71 mm, 92.964 mm, 93.218 mm, 93.472 mm, 93.726 mm, 93.98 mm, 94.234 mm, 94.488 mm, 94.742 mm, 94.996 mm, 95.25 mm, 95.504 mm, 95.758 mm, 96.012 mm, 96.266 mm, 96.52 mm, 96.774 mm, 97.028 mm, 97.282 mm, 97.536 mm, 97.79 mm, 98.044 mm, 98.298 mm, 98.552 mm, 98.806 mm, 99.06 mm, 99.314 mm, 99.568 mm, 99.822 mm, 100.076 mm, 100.33 mm, 100.584 mm, 100.838 mm, 101.092 mm, 101.346 mm, 101.6 mm

Insulation Outside Diameter Range: 0.63-0.98 in, 0.94-1.42 in, 1.14-3.31 in, 1.54-4.02 in
Insulation Outside Diameter Range (Metric): 16 - 25 mm, 24 - 36 mm, 29 - 84 mm, 39 - 102 mm
Maximum Conductor Size (Imperial): 1/0 AWG, 10 AWG, 250 kcmil, 4 AWG, 500 kcmil, 750 kcmil
Maximum Conductor Size (Metric): 120 mm², 240 mm², 25 mm², 400 mm², 50 mm², 6 mm²
Maximum Operating Voltage: 1000 Volt, 600 V
Minimum Conductor Size (Imperial): 14 AWG, 2 AWG, 2/0 AWG, 250 kcmil, 500 kcmil, 8 AWG
Minimum Conductor Size (Metric): 10 mm², 120 mm², 2.5 mm², 240 mm², 35 mm², 70 mm²
Number of Conductors: 3
Overall Jacket Diameter: 1.15 to 3.3 Inch, 0.62 to 1.00 Inch, 0.95 to 1.40 Inch, 0.95 to 2.4 Inch, 1.55 to 4.0 Inch
Product Type: Splice Kit
Splice Type: Inline
Units per Case: 1.0, 2.0
Voltage: 1 kV, 1000 V, 600 V, 600 kV
eClass 14 Classification Group: 27400107

**3M™ QT-II PILC Cable Silicone Rubber Termination Kit 5804-Pb-250,
15 kV,
Cable Ins. OD 1.20-1.90 in, 1/kit**

3M ID 7100164404 UPC 00054007504597

Typical properties

BIL: 110 kV

Breakout Boot: No

Cable Insulation Outside Diameter Range: 1.20-1.90 in

Cable Insulation Outside Diameter Range (Metric): 30.5-48.2 mm

Cable Shielding: Paper Insulated Lead Covered (PILC)

Case Quantity: 1

Conductor Sizes (Imperial): 1000 kcmil, 1250 kcmil, 750 kcmil, 800 kcmil, 900 kcmil

Indoor/Outdoor: Outdoor Skirted

Insulation Level: 100%, 133%

Insulation Outer Diameter (Imperial): 1.2 in, 1.22 in, 1.23 in, 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in, 1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in, 1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in, 1.49 in, 1.5 in, 1.51 in, 1.52 in, 1.53 in, 1.54 in, 1.55 in, 1.56 in, 1.57 in, 1.58 in, 1.59 in, 1.6 in, 1.61 in, 1.62 in, 1.63 in, 1.64 in, 1.65 in, 1.66 in, 1.67 in, 1.68 in, 1.69 in, 1.7 in, 1.71 in, 1.72 in, 1.73 in, 1.74 in, 1.75 in, 1.76 in, 1.77 in, 1.78 in, 1.79 in, 1.8 in, 1.81 in, 1.82 in, 1.83 in, 1.84 in, 1.85 in, 1.86 in, 1.87 in, 1.88 in, 1.89 in, 1.9 in

Insulation Rejacketing: No

Lug/Stem Connector Included in Kit: No

Maximum Installed Length: 18.50 in

Number of Conductors: 1

Number of Skirts: 4

Product Series: 5800-Pb

Voltage: 15 kV

eClass 14 Classification Group: 27400102

3M™ GSK Series Termination Grounding Kits

Details

Designed to convert concentric neutral or jacketed concentric neutral 3M QT-II or QT-III Termination kits

Suitable for use on tape-shielded and longitudinally corrugated power cables

Ideal for use in applications where high-ampacity grounding is desired

Rated for 5 to 35 kV applications

Typical properties

Brands: 3M™

Cable Accessory Products: Sealing and Grounding Kits

Cable Shield Diameter Range: 0.74"-1.18" (18,8-30,0 mm),0.82"-1.63" (20,8-41,4 mm),1.15"-2.42" (29,2-61,5 mm)

Cable Shield Diameter Range (Metric): 0.74"-1.18" (18,8-30,0 mm),0.82"-1.63" (20,8-41,4 mm),1.15"-2.42" (29,2-61,5 mm)

Product Type: Grounding Shield Kit, Splice

Units per Case: 3.0

3M™ Scotchlok™ Aluminum Connectors 20000 Series

Details

Standard barrel ensures reliable performance
Built-in solid center oil stop
Made of aluminum for good conductivity and has corrosion-resistant tin plating
Rated up to 35 kV
Meets ANSI C119.4 and RoHS 2011/65/EU Compliant
Barrel has color stripes that help to indicate the wire range

Typical properties

Barrel Style: Standard Barrel
Body Material: Aluminum
Cable Shielding: Non-shielded
Case Quantity: 3,25,50,10
Conductor Material: Aluminum, Copper
Conductor Sizes (Imperial): 2/0 AWG, 250 kcmil, 3/0 AWG, 4/0 AWG
Connector Base Metal: Aluminum
Connector Included: No
Connector Type: Compression Connectors
Dielectric Strength (V/mil): 365 V/mil
Electrical Connector Type: Compression Connectors
Elongation: 750 %
For Use With: Aluminum or Copper Conductors
Indoor/Outdoor: Both
Inside Diameter (Imperial): 0.2 in, 0.31 in, 0.39 in, 0.44 in, 0.48 in, 0.54 in, 0.59 in, 0.65 in, 0.72 in, 0.76 in, 0.84 in, 0.92 in, 1.03 in, 1.06 in, 1.19 in
Inside Diameter (Metric): 7.8 mm, 16.5 mm, 26.2 mm, 23.4 mm, 19.3 mm, 5.1 mm, 21.4 mm, 26.9 mm, 13.7 mm, 11.2 mm, 18.3 mm, 15.1 mm, 30.3 mm, 12.3 mm, 9.9 mm
Maximum Conductor Size (Imperial): 1/0 AWG (Stranded), 1000 kcmil (Stranded), 2 AWG (Stranded), 2/0 AWG (Stranded), 250 kcmil (Stranded), 3/0 AWG (Stranded), 300 kcmil (Stranded), 350 kcmil (Stranded), 4/0 AWG (Stranded), 400 kcmil (Stranded), 500 kcmil (Stranded), 6 AWG (Stranded), 600 kcmil (Stranded), 750 kcmil (Stranded), 800 kcmil (Stranded)
Maximum Conductor Size (Metric): 120 mm² (Stranded), 150 mm² (Stranded), 16 mm² (Stranded), 185 mm² (Stranded), 240 mm² (Stranded), 300 mm² (Stranded), 35 mm² (Stranded), 400 mm² (Stranded), 405 mm² (Stranded), 50 mm² (Stranded), 500 mm² (Stranded), 70 mm² (Stranded), 95 mm² (Stranded)
Maximum Operating Voltage: 35 Kilovolt
Minimum Conductor Size (Imperial): 1/0 AWG, 1000 kcmil, 2 AWG, 2/0 AWG, 250 kcmil, 3/0 AWG, 300 kcmil, 350 kcmil, 4/0 AWG, 400 kcmil, 500 kcmil, 6 AWG, 600 kcmil, 750 kcmil, 800 kcmil
Minimum Conductor Size (Metric): 120 mm², 150 mm², 16 mm², 185 mm², 240 mm², 300 mm², 35 mm², 400 mm², 405 mm², 50 mm², 500 mm², 70 mm², 95 mm²
Outer Diameter (Imperial): 0.34 in, 0.53 in, 0.64 in, 0.69 in, 0.76 in, 0.88 in, 0.91 in, 1 in, 1.12 in, 1.187 in, 1.32 in, 1.43 in, 1.5 in, 1.65 in, 1.84 in
Product Color: Black, Brown, Dark Blue, Gray, Green, Light Blue, Olive, Pink, Red, Ruby, White, Yellow

Product Series: 20000
eClass 14 Classification Group: 27400212

Dimensions and Classifications

Overall Length (Imperial): 1.62 in, 2 in, 2.12 in, 2.31 in, 2.62 in, 2.75 in, 2.94 in, 3.12 in, 3.38 in, 3.75 in, 3.88 in, 4.12 in, 4.68 in, 4.75 in, 5.25 in

Overall Length (Metric): 41.1 mm, 50.8 mm, 53.8 mm, 58.7 mm, 66.5 mm, 69.9 mm, 74.7 mm, 79.2 mm, 85.8 mm, 95.3 mm, 98.6 mm, 104.6 mm, 118.8 mm, 120.7 mm, 133.4 mm

3M™ Scotchlok™ Nylon Insulated Brazed Seam Ring Tongues

Details

Nylon-insulated, brazed-seam barrel ensures a secure fit and offers reliable performance

Flared portion of the nylon sleeve offers easy insertion of wires

Standard-style ring tongue fits around the stud

Made of electrolytic copper for good conductivity and has tin plating for corrosion resistance

Withstands a temperature range of -40 to 221 degrees F (-40 to 105 degrees C)

Typical properties

Barrel Inside Diameter: 0.25 Inch

Barrel Length (Imperial): 0.39 Inch

Barrel Style: Brazed Seam

CSA File Number: LR22190

Clearance (C): 0.52 in

Connection Type: Crimp

Connection Width (Imperial): 0.086 in, 0.112 in, 0.138 in, 0.164 in, 0.19 in, 0.25 in, 0.315 in, 0.375 in, 0.5 in

Connection Width (Metric): 2 mm, 2.845 mm, 3.5 mm, 4.166 mm, 4.826 mm, 6.35 mm, 8 mm, 9.525 mm, 12.7 mm

Diameter (D): 0.25 in

Dimension E: 1.27 Inch

Finish: Tin Plated

Insulated: Yes

Insulation Color: Blue

Insulation Material: Nylon

Maximum Conductor Size (Imperial): 10 AWG, 24 AWG, 4 AWG, 6 AWG, 8 AWG

Maximum Conductor Size (Metric): 0.205 mm², 13.3 mm², 21.2 mm², 5.26 mm², 8.37 mm²

Maximum Insulation Outer Diameter (Imperial): 0.44 in

Maximum Insulation Outer Diameter (Metric): 3.7 mm

Maximum Insulation Outside Diameter: 0.145 in

Maximum Operating Temperature (Celsius): 105 °C

Maximum Operating Temperature (Fahrenheit): 221 °F

Maximum Recommended Voltage Rating: 600 V

Maximum Voltage Rating: 600 to 1000 V

Minimum Conductor Size (Imperial): 12 AWG, 26 AWG, 4 AWG, 6 AWG, 8 AWG

Minimum Conductor Size (Metric): 0.14 mm², 13.3 mm², 21.2 mm², 3.31 mm², 8.37 mm²

Minimum Stud Diameter (Imperial): 0.25 in

Minimum Stud Diameter (Metric): 6.35 mm

Operating Temperature (Fahrenheit): -40 °F to 221 °F

Operating Temperature Range (Celsius): -40 °C to 105 °C

Operating Temperature Range (Fahrenheit): -40 °F to 221 °F

Product Color: Blue, Red

Ring Type: Standard

Stud Size: 1/4 Inch

Terminal Material: ETP Copper
Terminal Style: Standard
Terminal Type: Ring
Type: Standard
UL File Number: E23438
Units per Case: 200.0

Dimensions and Classifications

Overall Length (Imperial): 0.47 in, 0.6 in, 0.69 in, 0.74 in, 1.26 in, 1.38 in, 1.5 in,
1.58 in, 1.72 in, 1.74 in, 1.78 in
Overall Length (Metric): 32.004 mm, 38.1 mm
Overall Width (Imperial): 0.14 in, 0.2 in, 0.25 in, 0.47 in, 0.59 in, 0.63 in, 0.68 in,
0.81 in
Overall Width (Metric): 11.93 mm, 11.938 mm

3M™ Scotchlok™ Copper Two Hole Long Barrel Lug 31100 Series

Details

Long barrel ensures a secure fit and offers reliable performance
Barrel has colored stripes that help to indicate the wire range
Suitable for indoor and outdoor applications
Made of copper for good conductivity and tin plating for corrosion resistance
For up to 35 kV applications
UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Barrel Length (Imperial): 2.19 in, 2.81 in, 1.56 in, 1.94 in, 2.12 in, 2.62 in, 2.94 in
Barrel Length (Metric): 39.7 mm, 49.2 mm, 53.8 mm, 55.6 mm, 66.5 mm, 71.5 mm, 74.6 mm
Barrel Style: Long Barrel
Brands: Scotchlok™
Case Quantity: 6, 10
Center of Hole to Center of Hole: 1.75 Inch
Center of Hole to Center of Hole (Metric): 44.5 mm
Center of Hole to End of Pad: 0.63 Inch
Center of Hole to End of Pad (Metric): 16.0 mm
Compatible Conductor Size (Imperial): 1000 kcmil, 250 kcmil, 300 kcmil, 350 kcmil, 4/0 AWG, 400 kcmil, 500 kcmil, 600 kcmil, 750 kcmil
Compatible Conductor Size (Metric): 120 mm², 150 mm², 185 mm², 240 mm², 300 mm², 400 mm², 500 mm²
Connector Description: Two hole
For Use With: Copper Conductor Only
Inside Diameter (Imperial): 0.54 in, 0.59 in, 0.65 in, 0.7 in, 0.76 in, 0.83 in, 0.92 in, 1.03 in, 1.17 in
Inside Diameter (Metric): 16.5 mm, 26.2 mm, 23.4 mm, 19.3 mm, 13.9 mm, 15.1 mm, 21.1 mm, 29.7 mm, 17.8 mm
Lug Type: Compression Lugs
Material: Copper
Maximum Conductor Size (Imperial): 1000 kcmil, 250 kcmil, 300 kcmil, 350 kcmil, 4/0 AWG, 400 kcmil, 500 kcmil, 600 kcmil, 750 kcmil
Maximum Conductor Size (Metric): 240 mm², 300 mm², 380 mm²
Maximum Operating Voltage: 35 Kilovolt
Number of Stud Holes: 2
Outer Diameter (Imperial): 0.68 in, 0.75 in, 0.81 in, 0.87 in, 0.95 in, 1.06 in, 1.18 in, 1.29 in, 1.5 in
Pad Length (Imperial): 3 in
Pad Length (Metric): 76.2 mm
Pad Width: 1 in, 1.13 in, 1.22 in, 1.31 in, 1.41 in, 1.53 in, 1.69 in, 1.72 in
Pad Width (Metric): 25.4 mm, 28.6 mm, 31.0 mm, 33.4 mm, 35.8 mm, 38.9 mm, 42.9 mm, 43.7 mm
Product Color: Black, Blue, Brown, Green, Purple, Red, White, Yellow
Product Series: 30000, 31000, 40000
Stud Sizes: 1/2 Inch
Units per Case: 10.0, 6.0

eClass 14 Classification Group: 15090900

Dimensions and Classifications

Overall Length (Imperial): 5.16 in, 5.31 in, 5.75 in, 6 in, 6.16 in, 6.72 in, 7 in, 7.28 in

Overall Length (Metric): 131.1 mm, 134.9 mm, 146.1 mm, 152.4 mm, 156.4 mm, 170.6 mm, 177.8 mm, 184.9 mm

3M™ Copper Oil Seal Lugs

Details

Standard barrel ensures a secure fit and offers reliable performance
A solid oil stop seals oil and moisture
Made of copper for good conductivity and tin plating for corrosion resistance
Rated for 35 kV voltage applications
RoHS 2011/65/EU Compliant

Typical properties

Barrel Length (Imperial): 2.875 in, 1.563 in, 1.875 in
Barrel Length (Metric): 39.7 mm, 47.63 mm, 73.03 mm
Barrel Style: Standard Barrel
Case Quantity: 3, 10
Center of Hole to Center of Hole: 1.75 Inch
Center of Hole to Center of Hole (Metric): 44.5 mm
Center of Hole to End of Pad: 0.625 Inch, 0.406 Inch
Center of Hole to End of Pad (Metric): 10.3 mm, 15.8 mm
Compatible Conductor Size (Imperial): 1/0 AWG, 250 kcmil, 750 kcmil
Compatible Conductor Size (Metric): 120 mm², 400 mm², 50 mm²
For Use With: Copper Conductor Only
Inside Diameter (Imperial): 0.394 in, 0.595 in, 1.031 in
Inside Diameter (Metric): 26.2 mm, 10.0 mm, 15.1 mm
Lug Type: Compression Lugs
Material: Copper
Maximum Conductor Size (Imperial): 1/0 AWG, 250 kcmil, 750 kcmil
Number of Stud Holes: 1, 2
Outer Diameter (Imperial): 0.513 in, 0.75 in, 1.3 in
Stud Sizes: 1/2 Inch, 3/8 Inch
eClass 14 Classification Group: 15090900

**3M™ Flanged Block Fork Nylon Insulated, 100/bottle, MNG14-6FFB/SX,
suitable for use in a terminal block, 500/Case**

3M ID 7100165311 UPC 00051128589724

Details

Nylon-insulated, butted-seam barrel ensures a secure fit and offers reliable performance
Funnel-designed, seamless brass sleeve offers easy insertion of wires
Suitable for use in a terminal block
Electrolytic copper construction offers good conductivity
Withstands a temperature range of -40 to 221 degrees F (-40 to 105 degrees C)
600V-rated for building wire and 1000V for signs, fixtures or luminaires
UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Barrel Inside Diameter: 0.090 Inch
Barrel Style: Butted
Brands: Scotchlok™
CSA File Number: LR22190
Clearance (C): 0.25 Inch
Dimension E: 0.71 Inch
Fork Type: Flanged Block
Insulation Material: Nylon with Insulation Grip
Maximum Conductor Size (Imperial): 14 AWG
Maximum Conductor Size (Metric): 2.08 mm²
Maximum Insulation Outer Diameter (Imperial): 0.17 in
Minimum Conductor Size (Imperial): 16 AWG
Minimum Conductor Size (Metric): 1.31 mm²
Stud Size: #6
Terminal Style: Flanged Block
Terminal Type: Fork
UL File Number: E23438
Units per Case: 500.0
eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Length (Imperial): 0.86 in
Overall Width (Imperial): 0.25 in

3M™ Scotchlok™ Non-Insulated Interlock Barrel Female Disconnects

Details

Red, nylon-insulated connector is suitable to electrically tap into a wire in mid-span without cutting
Suitable for general purpose electrical connections on an auto, boat, van or trailer
Accommodates 18 to 16 AWG solid/stranded or 14 AWG stranded
UL Listed and RoHS 2011/65/EU Compliant

Typical properties

Barrel Inside Diameter: 0.128 Inch
Barrel Length (Imperial): 0.25 Inch
Barrel Style: Interlocking Barrel
CSA File Number: LR22190
Connection Width (Imperial): 0.25 in
Connection Width (Metric): 6.35 mm
Disconnect Type: Female
Fastener Orientation: Female
Insulation Material: Non-insulated
Mates with Female Width: 0.25 Inch
Mates with Male Tab Width (W'): 0.25 Inch
Maximum Conductor Size (Imperial): 10 AWG
Maximum Conductor Size (Metric): 6 mm²
Minimum Conductor Size (Imperial): 12 AWG
Minimum Conductor Size (Metric): 4 mm²
Pad Width: 0.25 in
Tab Width: 0.250,0.187
Terminal Style: Standard
Terminal Type: Disconnect
UL File Number: E70512
Units per Case: 500.0
eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Length (Imperial): 0.64 in

3M™ Cable Preparation Kits

Details

- Cleans the various parts of the cable
- Prepares a normal cable for splicing or terminating
- Helps in cleaning cable insulation, metal, electrical and mechanical parts
- Ensures accelerated surface drying
- Removes excess grease from PCB
- Has excellent cleaning and degreasing properties
- Non-conductive abrasive cloth comes in the kit, helps to clean the cable insulation surfaces
- RoHS 2011/65/EU Compliant

Typical properties

- Brands: 3M™
- Cable Accessory Products: Preparation and Cleaning
- Product Type: Preparation Kit
- Suitable for High Voltage: Yes
- Units per Case: 10.0
- eClass 14 Classification Group: 15090300

3M™ Heat Shrink Tubing IMCSN

Details

Superior resistance to abrasion, corrosion and chemicals
Offers reliable performance for electrical splices, connections and terminations
Suitable for insulating secondary splices, as well as direct buried, submersible and dig-in repairs
Made of black cross-linked polyolefin
Withstands temperatures of -67 to 230 degrees F (-55 to 110 degrees C)
RoHS 2011/65/EU Compliant

Typical properties

Adhesive Lined: No, Yes
Application Specifications: ABS, MIL-I-23053/15A Class 2
Brands: 3M™
Cable Size Range: 1-4/0 AWG, 1/0 AWG-250 kcmil, 1000-2500 kcmil, 12-6 AWG, 2-2/0 AWG, 300-500 kcmil, 4/0 AWG-400 kcmil, 600-1250 kcmil, 8-3 AWG
Expanded Inner Diameter: 0.4 in, 0.8 in, 1.1 in, 1.3 in, 1.5 in, 1.7 in, 2 in, 3 in
Expanded Inner Diameter (Metric): 10.2 mm, 109.2 mm, 20.3 mm, 27.9 mm, 33.0 mm, 38.1 mm, 43.2 mm, 50.8 mm, 76.2 mm
Flame Retardant: No
Heat Shrink Type: Adhesive-Lined Polyolefin Heat Shrink Tubing
Inner Diameter After Shrink (Imperial): 0.15 in, 0.22 in, 0.37 in, 0.43 in, 0.5 in, 0.6 in, 0.65 in, 1 in, 1.5 in
Inner Diameter After Shrink (Metric): 3.8 mm, 5.6 mm, 9.4 mm, 10.9 mm, 12.7 mm, 15.2 mm, 16.5 mm, 25.4 mm, 38.1 mm
Inner Diameter Before Shrink (Imperial): 0.4 in, 0.8 in, 1.1 in, 1.3 in, 1.5 in, 1.7 in, 2 in, 3 in, 4.3 in
Inner Diameter Before Shrink (Metric): 10.2 mm, 20.3 mm, 27.9 mm, 33 mm, 38.1 mm, 43.2 mm, 50.8 mm, 76.2 mm, 109.2 mm
Material: Cross-linked Polyolefin
Maximum Operating Temperature (Celsius): 100 °C, 110 °C
Maximum Operating Temperature (Fahrenheit): 230 °F
Minimum Expanded Tubing I. D.: 0.4 in, 0.8 in, 1.1 in, 1.3 in, 1.5 in, 1.7 in, 2 in, 3 in, 4.3 in
Operating Temperature (Celsius): -55 to 100 Degrees Celsius
Operating Temperature (Fahrenheit): -67 °F to 230 °F
Operating Temperature Range (Celsius): -55 °C to +105 °C
Operating Temperature Range (Fahrenheit): -67 °F to 230 °F
Product Color: Black
Recovered Inner Diameter: 0.15 in, 0.22 in, 0.37 in, 0.43 in, 0.5 in, 0.6 in, 0.65 in, 1 in, 1.5 in
Recovered Inner Diameter (Metric): 3.8 mm, 5.6 mm, 9.4 mm, 10.9 mm, 12.7 mm, 15.2 mm, 16.5 mm, 25.4 mm, 38.1 mm
Shrink Ratio: 3:1
Solution for: Access Network: FTTH/FTTB/CATV, Access Network: xDSL, Long-haul/Metro Loop Network: CO/POP, Long-haul/Metro Loop Network: Outdoor, Wireless Network: Backhaul
Tubing Type: Medium Wall

Units per Case: 15.0,1.0,10.0,20.0
Voltage Rating: 1 kV
eClass 14 Classification Group: 27400105

Dimensions and Classifications

Overall Length (Imperial): 25 ft, 48 in
Overall Length (Metric): 1.22 m, 7.62 m

3M™ PanelSafe™ Lockout Systems

Details

Offers efficient lockout to electrical circuits prior to servicing and maintenance
Safeguards your electrical machines and lighting and equipment
Pins in the lockout system allow for simultaneously locking off multiple circuits
Can purchase as entire system or buy specialized pins, shims and adaptors individually

Typical properties

Breaker Spacing: 3/4 Inch, 1-1/4 Inch, 1-3/8 Inch, 1 Inch, 1-1/2 Inch
Case Quantity: 1, 15, 5, 5 pair, 1 Pair
Number of Poles: 3, 6, 7, 8, 9, 10, 12, 15, 16, 18, 20, 21
Number of Slots: 3, 6, 7, 8, 9, 10, 12, 15, 16, 18, 20, 21
Pin Spacing (Imperial): 0.75 in, 1 in, 1.24 in, 1.375 in, 1.5 in
Pin Spacing (Metric): 19.05 mm, 25.4 mm, 31.496 mm, 34.925 mm, 38.1 mm
Product Type: Bracket, Breaker Lockout, Holder, Pin, Shim, System
eClass 14 Classification Group: 15090900

3M™ Scotchlok™ Nylon Insulated with Insulation Grip Grease-Filled Butt Connectors

Typical properties

Barrel Inside Diameter: 0.07 inch
Body Material: Copper Alloy
Connector Type: Butt
Fork Type: Standard
Insulation Material: Nylon, Nylon with Insulation Grip
Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG
Maximum Conductor Size (Metric): 1 mm², 2.5 mm², 6 mm²
Maximum Operating Temperature (Celsius): 105 °C
Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 22 AWG
Minimum Conductor Size (Metric): .34 mm², 1.5 mm², 4 mm²
Product Color: Red
eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Length (Imperial): 1.02 in, 1.06 in, 1.23 in
Overall Length (Metric): 25.908 mm, 26.94 mm

3M™ Scotchlok™ Butted Seam High-Temperature Female Disconnects

Details

Non-insulated, butted-seam barrel with a beveled mouth offers easy insertion of wires

This high-temperature female disconnect terminal has dents and rolled edges to allow for excellent holding force

Allows for quick and easy disconnect of wires

Accommodates wire sizes 16 to 14 AWG

Made of durable steel for high-temperature applications and has corrosion-resistant nickel plating

Withstands a maximum temperature of 900 degrees F (482 degrees C)

Rated 600V for building wire and 1000V for signs, fixtures or luminaires

UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Barrel Inside Diameter: 0.085 Inch, 0.095 Inch

Barrel Length (Imperial): 0.25 Inch, 0.23 Inch

Barrel Style: Butted

Connection Width (Imperial): 0.187 in, 0.25 in

Connection Width (Metric): 4.75 mm, 6.35 mm

Disconnect Type: Female

Fastener Orientation: Female

Insulation Material: Non-insulated

Mates with Female Width: 0.187 Inch, 0.25 Inch, 0.250 Inch

Mates with Male Tab Width (W'): 0.187 Inch, 0.25 Inch, 0.250 Inch

Maximum Conductor Size (Imperial): 14 AWG

Maximum Conductor Size (Metric): 2.5 mm²

Minimum Conductor Size (Imperial): 16 AWG

Minimum Conductor Size (Metric): 1.5 mm²

Pad Width: 0.187 in, 0.25 in

Product Color: Metal

Solution for: Wireless Network: Infrastructure Accessories

Tab Width: 0.250

Terminal Style: High Temp

Terminal Type: Disconnect

Units per Case: 500.0, 1000.0

eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Length (Imperial): 0.58 in, 0.64 in

Overall Length (Metric): 16.256 mm

Overall Width (Imperial): 0.25 in

Scotch™ Bundling Wrap, RF3740, 0.75 in x 12 ft (19,0 mm x 3,6 m) Black

3M ID 70006911567 UPC 00051141380551

Details

Use for household, garden and garage organization
Great for securing and holding bulky items
Ideal for organizing like items together
Self-fastening, adjustable design for a versatile hold
Holds bulky items together
Reuse again and again
Quick, convenient organization
Intended for indoor use
Size: 3/4 in. x 12 ft
Color: Black

Typical properties

Brands: Scotch™
Factory ISO Certification: No ISO Certification information available
Good For Outdoors: No
Indoor/Outdoor: Indoor
Package Contents: 1 Roll/Pack
Product Color: Black
Tensile Strength (Imperial): 175 lbs
Tensile Strength (Metric): 79.379 kg
Weight Capacity: N/A
eClass 14 Classification Group: 27140702

Dimensions and Classifications

Overall Length (Imperial): 12 ft
Overall Length (Metric): 3.6 m
Overall Width (Imperial): 0.75 in

3M™ Scotchlok™ Aluminum Lugs Two Hole 40100 Series

Details

Standard barrel ensures a secure fit and offers reliable performance
Barrel sealing caps are color coded to help to indicate the wire gauge
Made of aluminum for good conductivity and tin plating for corrosion resistance
Rated for 35 kV voltage applications
UL Listed and RoHS 2011/65/EU Compliant

Typical properties

Barrel Length (Imperial): 3.38 in, 1.5 in, 3 in, 1.94 in, 2.25 in, 4.62 in
Barrel Length (Metric): 117.4 mm, 38.1 mm, 49.2 mm, 57.2 mm, 76.2 mm, 85.9 mm
Barrel Style: Standard Barrel
Brands: Scotchlok™
Case Quantity: 6, 10
Center of Hole to Center of Hole: 1.75 Inch
Center of Hole to Center of Hole (Metric): 44.5 mm
Center of Hole to End of Pad: 0.62 Inch
Center of Hole to End of Pad (Metric): 15.7 mm
Compatible Conductor Size (Imperial): 1/0 AWG, 1000 kcmil, 2 AWG, 250 kcmil, 3/0 AWG, 300 kcmil, 350 kcmil, 4/0 AWG, 500 kcmil, 600 kcmil, 750 kcmil
Compatible Conductor Size (Metric): 120 mm², 150 mm², 185 mm², 240 mm², 300 mm², 35 mm², 400 mm², 50 mm², 500 mm², 95 mm²
Connector Description: Two hole
For Use With: Aluminum or Copper Conductors
Inside Diameter (Imperial): 0.414 in, 0.439 in, 0.484 in, 0.547 in, 0.594 in, 0.65 in, 0.72 in, 0.843 in, 0.92 in, 1.03 in, 1.19 in
Inside Diameter (Metric): 10.5 mm, 11.2 mm, 16.5 mm, 26.2 mm, 18.3 mm, 23.4 mm, 15.1 mm, 13.9 mm, 12.3 mm, 30.2 mm, 21.4 mm
Lug Type: Compression Lugs
Material: Aluminum
Maximum Conductor Size (Imperial): 1/0 AWG, 1000 kcmil, 2 AWG, 250 kcmil, 3/0 AWG, 300 kcmil, 350 kcmil, 4/0 AWG, 500 kcmil, 600 kcmil, 750 kcmil
Maximum Operating Voltage: 35 Kilovolt
Number of Stud Holes: 2
Outer Diameter (Imperial): 0.64 in, 0.687 in, 0.76 in, 0.875 in, 0.906 in, 1.01 in, 1.105 in, 1.32 in, 1.43 in, 1.5 in, 1.84 in
Pad Length (Imperial): 3.25 in, 3.38 in, 3.56 in, 3.62 in
Pad Length (Metric): 82.6 mm, 85.8 mm, 90.4 mm, 92.0 mm
Pad Width: 0.88 in, 0.94 in, 1.06 in, 1.19 in, 1.25 in, 1.38 in, 1.5 in, 1.75 in, 2.44 in
Pad Width (Metric): 22.4 mm, 23.8 mm, 26.9 mm, 30.2 mm, 31.8 mm, 35.1 mm, 38.1 mm, 44.5 mm, 62 mm
Product Color: Black, Brown, Dark Blue, Olive, Pink, Red, Ruby, White, Yellow
Product Series: 40000
Stud Sizes: 1/2 Inch, 3/8 Inch
Units per Case: 10.0, 6.0
eClass 14 Classification Group: 15090900

Dimensions and Classifications

Overall Length (Imperial): 5.28 in, 5.5 in, 6 in, 6.56 in, 7.31 in, 7.75 in, 8.25 in, 9.68 in

Overall Length (Metric): 134.1 mm, 139.7 mm, 152.4 mm, 166.6 mm, 185.7 mm, 196.9 mm, 209.6 mm, 245.8 mm

3M™ Scotchlok™ IDC Connector 567

Details

Brown polypropylene-insulated connector
Suitable for general purpose electrical connections on an auto, boat, van or trailer
Accommodates 18 to 16 AWG solid/stranded or 14 AWG stranded
UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Brands: Scotchlok™
CSA File Number: LR15503, LR32411
Case Quantity: 1000
Conductor Sizes (Imperial): 10 AWG (Run), 12 AWG (Run), 14 AWG (Tap), 18 AWG (Tap)
Conductor Sizes (Metric): 1 mm² (Tap), 2.5 mm² (Tap), 4 mm² (Run), 6 mm² (Run)
Connection Type: Run & Tap
Connector / Connector Tool: 3M Crimping Tool E-9BM and/or 9" Lineman's Pliers
Connector Style: Insulation Displacement
Flame Retardant: Yes
Grease Filling Against Corrosion: No, Yes
Insulation Color: Brown
Insulation Material: Polypropylene
Interrupt Free Shifting: No
Material: Insulator: FR Polypropylene, U-contact: Tin-plated Brass
Max. Number of Cores: 2
Maximum Conductor Size (Imperial): 10 AWG (Run), 14 AWG (Tap)
Maximum Conductor Size (Metric): 2.5 mm² (Tap), 6 mm² (Run)
Maximum Operating Temperature (Celsius): 105 °C
Maximum Operating Temperature (Fahrenheit): 221 °F
Maximum Recommended Voltage Rating: 600 V
Minimum Conductor Size (Imperial): 12 AWG (Run), 18 AWG (Tap)
Minimum Conductor Size (Metric): 1 mm² (Tap), 4 mm² (Run)
Moisture Resistant: No
Package Quantity: 1000
Product Color: Brown
Product Type: Connector, Run & Tap
Recommended Crimping Tool: E-9BM or 9 in. Linemans Pliers
Run Maximum Insulation Outer Diameter (Imperial): 0.19 in
Run Maximum Insulation Outer Diameter (Metric): 4.8 mm
Tap Maximum Insulation Outer Diameter (Imperial): 0.19 in
Tap Maximum Insulation Outer Diameter (Metric): 4.8 mm
UL File Number: E23438
Units per Case: 250.0,1000.0
Voltage Application: Low Voltage
Wire Connector Type: IDC Connectors
eClass 14 Classification Group: 27400215

3M™ Scotchlok™ Non-Insulated Brazed Seam Butt Connectors

Details

Non-insulated, brazed-seam barrel ensures a secure fit and offers reliable performance

Beveled mouth offers easy insertion of wires

Built-in wire stop for correct positioning

Made of electrolytic copper for good conductivity and has tin plating for corrosion resistance

Withstands a maximum temperature of 347 degrees F (175 degrees C) for bare terminals

600V-rated for building wire and 1000V for signs, fixtures or luminaires

Typical properties

Barrel Inside Diameter: 0.175 Inch, 0.090 Inch

Barrel Length (Imperial): 0.25 Inch, 0.38 Inch

Barrel Style: Brazed, Butted

Body Material: Copper Alloy

CSA File Number: LR22190

Conductor Sizes (Imperial): 8 AWG

Connector Type: Butt

Insulation Material: Non-insulated

Material: ETP Copper

Maximum Conductor Size (Imperial): 10 AWG, 16 AWG, 18 AWG, 4 AWG, 6 AWG, 8 AWG

Maximum Conductor Size (Metric): 1 mm², 1.5 mm², 10 mm², 16 mm², 25 mm², 6 mm²

Minimum Conductor Size (Imperial): 12 AWG, 14 AWG, 22 AWG, 4 AWG, 6 AWG, 8 AWG

Minimum Conductor Size (Metric): .34 mm², 10 mm², 16 mm², 2.5 mm², 25 mm², 4 mm²

Product Color: Metal

Solution for: Wireless Network: Infrastructure Accessories

Terminal Style: Standard

Terminal Type: Butt Connectors

UL File Number: E23438

Units per Case: 500.0, 100.0

eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Length (Imperial): 0.56 in, 0.81 in, 1.02 in, 1.13 in

Overall Length (Metric): 20.574 mm

3M™ Secure Grip Wire Connectors

Details

Robust spring design for high performance holding power
Accommodates a wire range of 1,5 - 2,5 mm² solid or stranded

Typical properties

Brands: 3M™

Maximum Conductor Size (Imperial): 10 AWG, 12 AWG, 6 AWG, 8 AWG

Maximum Conductor Size (Metric): 10 mm², 16 mm², 4 mm², 6 mm²

Maximum Operating Temperature (Celsius): 105 °C

Maximum Operating Temperature (Fahrenheit): 221 °F

Minimum Conductor Size (Imperial): 14 AWG, 18 AWG, 22 AWG

Minimum Conductor Size (Metric): .34 mm², 1 mm², 2.5 mm²

Product Color: Assorted, Blue, Green, Red, Tan, Yellow

Specifications Met: CSA, UL Listed

Voltage Rating: 600 V, 0 NP

Wire Connector Type: Twist-on Wire Connectors

eClass 14 Classification Group: 27400215

3M™ Cold Shrink QT-II Outdoor Termination Kits 5660 Series

Details

Provides a void-free seal to power cables
high dielectric-constant material regulates the distribution of electric field stress
Suitable for outdoor applications
Termination has 0.84 to 1.33-in O.D. insulation
Accommodates wire size of 3/0 AWG to 500 kcmil
Silicone sealing compounds provide constant radial pressure
Comes with sufficient materials to make 1 termination
Withstands voltages up to 15 kV and is 110 kV BIL-rated

Typical properties

BIL: 110 kV
Brands: 3M™
Breakout Boot: No
Cable Insulation Outside Diameter Range: 0.84-1.33 in
Cable Insulation Outside Diameter Range (Metric): 21.3-33.8 mm
Cable Shielding: Concentric Neutral (CN)
Indoor/Outdoor: Outdoor Skirted
Insulation Outer Diameter (Imperial): 0.84 in, 0.85 in, 0.86 in, 0.87 in, 0.88 in, 0.89 in, 0.9 in, 0.91 in, 0.92 in, 0.93 in, 0.94 in, 0.95 in, 0.96 in, 0.97 in, 0.98 in, 0.99 in, 1 in, 1.01 in, 1.02 in, 1.03 in, 1.04 in, 1.05 in, 1.06 in, 1.07 in, 1.08 in, 1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in, 1.16 in, 1.17 in, 1.18 in, 1.19 in, 1.2 in, 1.21 in, 1.22 in, 1.23 in, 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in, 1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in
Insulation Outer Diameter (Metric): 21.3 mm
Insulation Rejacketing: No
Number of Conductors: 1
Number of Skirts: 4
Product Series: 5660
Voltage: 15 kV, 5 kV, 8 kV
eClass 14 Classification Group: 27400102

3M™ Cold Shrink QS4 Integrated Splice Kits 25-JCN Series

Details

Inline splice for joining JCN and flat strap neutral power cables
Special-electrode design reduces electrical stress at critical cable and splice interface
Designed for feeder and distribution circuits, size transition splicing, direct-burial installations and submerged locations
Rated for 25/28 kV applications
Withstands a temperature range of 221 to 284 °F (105 to 140 °C)

Typical properties

Application: Cable Connection
Cable Shielding: Jacketed Concentric Neutral (JCN)
Conductor Material: Aluminum, Copper
Conductor Sizes (Imperial): 1 AWG, 1/0 AWG, 1000 kcmil, 2/0 AWG, 250 kcmil, 3/0 AWG, 350 kcmil, 4/0 AWG, 400 kcmil, 500 kcmil, 600 kcmil, 650 kcmil, 700 kcmil, 750 kcmil, 800 kcmil, 900 kcmil
Insulation Level: 1.33, 100%, 133%
Insulation Outer Diameter (Imperial): 0.84 in, 0.85 in, 0.86 in, 0.87 in, 0.88 in, 0.89 in, 0.9 in, 0.91 in, 0.92 in, 0.93 in, 0.94 in, 0.95 in, 0.96 in, 0.97 in, 0.98 in, 0.99 in, 1 in, 1.01 in, 1.02 in, 1.03 in, 1.04 in, 1.05 in, 1.06 in, 1.07 in, 1.08 in, 1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in, 1.16 in, 1.17 in, 1.18 in, 1.19 in, 1.2 in, 1.21 in, 1.22 in, 1.23 in, 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in, 1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in, 1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in, 1.49 in, 1.5 in, 1.51 in, 1.52 in, 1.53 in, 1.54 in, 1.55 in, 1.56 in, 1.57 in, 1.58 in, 1.59 in, 1.6 in, 1.61 in, 1.62 in, 1.63 in, 1.64 in, 1.65 in, 1.66 in, 1.67 in, 1.68 in, 1.69 in, 1.7 in, 1.71 in, 1.72 in, 1.73 in, 1.74 in, 1.75 in, 1.76 in, 1.77 in, 1.78 in, 1.79 in, 1.8 in, 1.81 in, 1.82 in, 1.83 in, 1.84 in, 1.85 in, 1.86 in, 1.87 in, 1.88 in, 1.89 in, 1.9 in, 1.91 in, 1.92 in, 1.93 in, 1.94 in, 1.95 in, 1.96 in, 1.97 in, 1.98 in, 1.99 in, 2 in, 2.01 in, 2.02 in, 2.03 in, 2.04 in, 2.05 in, 2.06 in, 2.07 in
Insulation Outside Diameter Range (Metric): 21.3 - 34.5 mm
Number of Conductors: 1
Product Color: Black
Splice Type: Cold Shrink
Voltage: 25/28 kV
eClass 14 Classification Group: 27400107

3M™ Cold Shrink Splice Kit QS-III Series 5545A, Longitudinally Corrugated, 46kV, 4/0-1000 kcmil (120-500 mm²), 1/case

3M ID 7100022471 UPC 00051128550892

Details

Perfect to use with standard copper or aluminum inline compression connectors
Specially designed to splice tape, wire, LC and UniShield® power cable
Rated for 46 kV applications
EPDM rubber jacket for unique physical property
Withstands a temperature range of 221 to 284 °F (105 to 140 °C)

Typical properties

Brands: 3M™
Cable Shielding: Longitudinally Corrugated (LC)
Voltage: 46 kV
eClass 14 Classification Group: 27400107

3M™ Cold Shrink Quick Splice Kits QSLV-M Series

Details

Rubber sleeve with sealing mastic provides a water-resistant sealing
Factory-expanded for easy installation
For direct-bury, secondary low-voltage, non-shielded cable splices
Rated for up to 1 kV applications
Splices both aluminum and copper conductors
RoHS 2011/65/EU Compliant and ANSI Certified

Typical properties

Brands: 3M™
Cable Outside Diameter (Metric): 19 mm
Cable Shielding: Non-shielded
Cable Type: Power Cable
Conductor Material: Aluminum, Copper
Conductor Sizes (Imperial): 1000 kcmil, 2 AWG
Conductor Sizes (Metric): 35 mm², 500 mm²
Connector Included: No
Connector Maximum Outside Diameter: 0.687 in
Connector Maximum Outside Diameter (Metric): 17.0 mm
Dielectric Strength (V/mil): 365 V/mil
Elongation: 750 %
For connection of paper - with plasticinsulated cables: No
Indoor/Outdoor: Both
Insulation O.D. Range: 0.20-0.75 in, 0.40-1.60 in
Insulation O.D. Range (Metric): 5-19 mm, 10-41 mm
Insulation Outer Diameter (Imperial): 0.2 in, 0.21 in, 0.22 in, 0.23 in, 0.24 in, 0.25 in, 0.26 in, 0.27 in, 0.28 in, 0.29 in, 0.3 in, 0.31 in, 0.32 in, 0.33 in, 0.34 in, 0.35 in, 0.36 in, 0.37 in, 0.38 in, 0.39 in, 0.4 in, 0.41 in, 0.42 in, 0.43 in, 0.44 in, 0.45 in, 0.46 in, 0.47 in, 0.48 in, 0.49 in, 0.5 in, 0.51 in, 0.52 in, 0.53 in, 0.54 in, 0.55 in, 0.56 in, 0.57 in, 0.58 in, 0.59 in, 0.6 in, 0.61 in, 0.62 in, 0.63 in, 0.64 in, 0.65 in, 0.66 in, 0.67 in, 0.68 in, 0.69 in, 0.7 in, 0.71 in, 0.72 in, 0.73 in, 0.74 in, 0.75 in, 0.76 in, 0.77 in, 0.78 in, 0.79 in, 0.8 in, 0.81 in, 0.82 in, 0.83 in, 0.84 in, 0.85 in, 0.86 in, 0.87 in, 0.88 in, 0.89 in, 0.9 in, 0.91 in, 0.92 in, 0.93 in, 0.94 in, 0.95 in, 0.96 in, 0.97 in, 0.98 in, 0.99 in, 1 in, 1.01 in, 1.02 in, 1.03 in, 1.04 in, 1.05 in, 1.06 in, 1.07 in, 1.08 in, 1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in, 1.16 in, 1.17 in, 1.18 in, 1.19 in, 1.2 in, 1.21 in, 1.22 in, 1.23 in, 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in, 1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in, 1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in, 1.49 in, 1.5 in, 1.51 in, 1.52 in, 1.53 in, 1.54 in, 1.55 in, 1.56 in, 1.57 in, 1.58 in, 1.59 in, 1.6 in
Insulation Outer Diameter (Metric): 5.08 mm, 5.334 mm, 5.588 mm, 5.842 mm, 6.096 mm, 6.35 mm, 6.604 mm, 6.858 mm, 7.112 mm, 7.366 mm, 7.62 mm, 7.874 mm, 8.128 mm, 8.382 mm, 8.636 mm, 8.89 mm, 9.144 mm, 9.398 mm, 9.652 mm, 9.906 mm, 10.16 mm, 10.414 mm, 10.668 mm, 10.922 mm, 11.176 mm, 11.43 mm, 11.684 mm, 11.938 mm, 12.192 mm, 12.446 mm, 12.7 mm, 12.954 mm, 13.208 mm, 13.462 mm, 13.716 mm, 13.97 mm, 14.224 mm, 14.478 mm, 14.732 mm, 14.986 mm, 15.24 mm, 15.494 mm, 15.748 mm, 16.002 mm,

16.256 mm, 16.51 mm, 16.764 mm, 17.018 mm, 17.272 mm, 17.526 mm, 17.78 mm, 18.034 mm, 18.288 mm, 18.542 mm, 18.796 mm, 19.05 mm, 19.304 mm, 19.558 mm, 19.812 mm, 20.066 mm, 20.32 mm, 20.574 mm, 20.828 mm, 21.082 mm, 21.336 mm, 21.59 mm, 21.844 mm, 22.098 mm, 22.352 mm, 22.606 mm, 22.86 mm, 23.114 mm, 23.368 mm, 23.622 mm, 23.876 mm, 24.13 mm, 24.384 mm, 24.638 mm, 24.892 mm, 25.146 mm, 25.4 mm, 25.654 mm, 25.908 mm, 26.162 mm, 26.416 mm, 26.67 mm, 26.924 mm, 27.178 mm, 27.432 mm, 27.686 mm, 27.94 mm, 28.194 mm, 28.448 mm, 28.702 mm, 28.956 mm, 29.21 mm, 29.464 mm, 29.718 mm, 29.972 mm, 30.226 mm, 30.48 mm, 30.734 mm, 30.988 mm, 31.242 mm, 31.496 mm, 31.75 mm, 32.004 mm, 32.258 mm, 32.512 mm, 32.766 mm, 33.02 mm, 33.274 mm, 33.528 mm, 33.782 mm, 34.036 mm, 34.29 mm, 34.544 mm, 34.798 mm, 35.052 mm, 35.306 mm, 35.56 mm, 35.814 mm, 36.068 mm, 36.322 mm, 36.576 mm, 36.83 mm, 37.084 mm, 37.338 mm, 37.592 mm, 37.846 mm, 38.1 mm, 38.354 mm, 38.608 mm, 38.862 mm, 39.116 mm, 39.37 mm, 39.624 mm, 39.878 mm, 40.132 mm, 40.386 mm, 40.64 mm

Maximum Conductor Size (Imperial): 1000 kcmil (Copper), 2/0 AWG, 500 kcmil (Aluminum)

Maximum Conductor Size (Metric): 240 mm² (Aluminum), 500 mm² (Copper), 70 mm²

Maximum Connector Length: 2.50 in, 4.25 in

Maximum Connector Length (Metric): 108 mm, 63 mm

Maximum Connector O.D.: 0.687 in, 1.500 in

Maximum Connector O.D. (Metric): 17 mm, 38 mm

Minimum Conductor Size (Imperial): 2 AWG (Aluminum), 2 AWG (Copper), 8 AWG

Minimum Conductor Size (Metric): 10 mm², 35 mm² (Aluminum), 35 mm² (Copper)

Model: Cold Shrink

Number of Conductors: 3

Product Color: Black

Splice Type: Inline

Voltage: 1 kV

Voltage Rating: 0.6/1 kV

eClass 14 Classification Group: 27400107

Dimensions and Classifications

Overall Diameter (Metric): 41 mm
Overall Length (Metric): 108 mm

3M™ Stacked Sleeve Splice Jacket Kits

Details

Designed for jacketing inline splices on jacketed concentric neutral (JCN) cables
Resists fungus, acids and alkalis
Suitable for use on direct burial, aerial and submersible applications
Cold shrink jackets made of EPDM rubber provides moisture resistance and durability
Includes Cold Shrink sealing sleeves, Scotch 2228 rubber mastic tape and a profile bushing
Water resistant - meets the water seal requirements of ANSI C119.1

Typical properties

Cable Shielding: Jacketed Concentric Neutral (JCN)

Conductor Sizes (Imperial): 2 AWG, 3/0 AWG, 400 kcmil

Conductor Sizes (Metric): 185 mm², 35 mm², 95 mm²

Insulation Outer Diameter (Imperial): 0.95 in, 0.96 in, 0.97 in, 0.98 in, 0.99 in, 1 in, 1.01 in, 1.02 in, 1.03 in, 1.04 in, 1.05 in, 1.06 in, 1.07 in, 1.08 in, 1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in, 1.16 in, 1.17 in, 1.18 in, 1.19 in, 1.2 in, 1.21 in, 1.22 in, 1.23 in, 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in, 1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in, 1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in, 1.49 in, 1.5 in, 1.51 in, 1.52 in, 1.53 in, 1.54 in, 1.55 in, 1.56 in, 1.57 in, 1.58 in, 1.59 in, 1.6 in, 1.61 in, 1.62 in, 1.63 in, 1.64 in, 1.65 in, 1.66 in, 1.67 in, 1.68 in, 1.69 in, 1.7 in, 1.71 in, 1.72 in, 1.73 in, 1.74 in, 1.75 in, 1.76 in, 1.77 in, 1.78 in, 1.79 in, 1.8 in, 1.81 in, 1.82 in, 1.83 in, 1.84 in, 1.85 in, 1.86 in, 1.87 in, 1.88 in, 1.89 in, 1.9 in, 1.91 in, 1.92 in, 1.93 in, 1.94 in, 1.95 in, 1.96 in, 1.97 in, 1.98 in, 1.99 in, 2 in, 2.01 in, 2.02 in, 2.03 in, 2.04 in, 2.05 in, 2.06 in, 2.07 in, 2.08 in, 2.09 in, 2.1 in, 2.11 in, 2.12 in, 2.13 in, 2.14 in, 2.15 in, 2.16 in, 2.17 in, 2.18 in, 2.19 in, 2.2 in, 2.21 in, 2.22 in, 2.23 in, 2.24 in, 2.25 in, 2.26 in, 2.27 in, 2.28 in, 2.29 in, 2.3 in, 2.31 in, 2.32 in, 2.33 in, 2.34 in, 2.35 in, 2.36 in, 2.37 in, 2.38 in, 2.39 in, 2.4 in, 2.41 in, 2.42 in, 2.43 in, 2.44 in, 2.45 in, 2.46 in, 2.47 in, 2.48 in, 2.49 in, 2.5 in, 2.51 in, 2.52 in, 2.53 in, 2.54 in, 2.55 in, 2.56 in, 2.57 in, 2.58 in, 2.59 in, 2.6 in, 2.61 in, 2.62 in, 2.63 in, 2.64 in, 2.65 in, 2.66 in, 2.67 in, 2.68 in, 2.69 in, 2.7 in, 2.71 in, 2.72 in, 2.73 in, 2.74 in, 2.75 in, 2.76 in, 2.77 in, 2.78 in, 2.79 in, 2.8 in, 2.81 in, 2.82 in, 2.83 in, 2.84 in, 2.85 in, 2.86 in, 2.87 in, 2.88 in, 2.89 in, 2.9 in, 2.91 in, 2.92 in, 2.93 in, 2.94 in, 2.95 in, 2.96 in, 2.97 in, 2.98 in, 2.99 in, 3 in, 3.01 in, 3.02 in, 3.03 in, 3.04 in, 3.05 in, 3.06 in, 3.07 in, 3.08 in, 3.09 in, 3.1 in, 3.11 in, 3.12 in, 3.13 in, 3.14 in, 3.15 in, 3.16 in, 3.17 in, 3.18 in, 3.19 in, 3.2 in, 3.21 in, 3.22 in, 3.23 in, 3.24 in, 3.25 in, 3.26 in, 3.27 in, 3.28 in, 3.29 in, 3.3 in, 3.31 in, 3.32 in, 3.33 in, 3.34 in, 3.35 in, 3.36 in, 3.37 in, 3.38 in, 3.39 in, 3.4 in, 3.41 in, 3.42 in, 3.43 in, 3.44 in, 3.45 in, 3.46 in, 3.47 in, 3.48 in, 3.49 in, 3.5 in, 3.51 in, 3.52 in, 3.53 in, 3.54 in, 3.55 in, 3.56 in, 3.57 in, 3.58 in, 3.59 in, 3.6 in, 3.61 in, 3.62 in

Insulation Outer Diameter (Metric): 24.13 mm, 24.384 mm, 24.638 mm, 24.892 mm, 25.146 mm, 25.4 mm, 25.654 mm, 25.908 mm, 26.162 mm, 26.416 mm, 26.67 mm, 26.924 mm, 27.178 mm, 27.432 mm, 27.686 mm, 27.94 mm, 28.194 mm, 28.448 mm, 28.702 mm, 28.956 mm, 29.21 mm, 29.464 mm, 29.718 mm, 29.972 mm, 30.226 mm, 30.48 mm, 30.734 mm, 30.988 mm, 31.242 mm, 31.496 mm

mm, 31.75 mm, 32.004 mm, 32.258 mm, 32.512 mm, 32.766 mm, 33.02 mm, 33.274 mm, 33.528 mm, 33.782 mm, 34.036 mm, 34.29 mm, 34.544 mm, 34.798 mm, 35.052 mm, 35.306 mm, 35.56 mm, 35.814 mm, 36.068 mm, 36.322 mm, 36.576 mm, 36.83 mm, 37.084 mm, 37.338 mm, 37.592 mm, 37.846 mm, 38.1 mm, 38.354 mm, 38.608 mm, 38.862 mm, 39.116 mm, 39.37 mm, 39.624 mm, 39.878 mm, 40.132 mm, 40.386 mm, 40.64 mm, 40.894 mm, 41.148 mm, 41.402 mm, 41.656 mm, 41.91 mm, 42.164 mm, 42.418 mm, 42.672 mm, 42.926 mm, 43.18 mm, 43.434 mm, 43.688 mm, 43.942 mm, 44.196 mm, 44.45 mm, 44.704 mm, 44.958 mm, 45.212 mm, 45.466 mm, 45.72 mm, 45.974 mm, 46.228 mm, 46.482 mm, 46.736 mm, 46.99 mm, 47.244 mm, 47.498 mm, 47.752 mm, 48.006 mm, 48.26 mm, 48.514 mm, 48.768 mm, 49.022 mm, 49.276 mm, 49.53 mm, 49.784 mm, 50.038 mm, 50.292 mm, 50.546 mm, 50.8 mm, 51.054 mm, 51.308 mm, 51.562 mm, 51.816 mm, 52.07 mm, 52.324 mm, 52.578 mm, 52.832 mm, 53.086 mm, 53.34 mm, 53.594 mm, 53.848 mm, 54.102 mm, 54.356 mm, 54.61 mm, 54.864 mm, 55.118 mm, 55.372 mm, 55.626 mm, 55.88 mm, 56.134 mm, 56.388 mm, 56.642 mm, 56.896 mm, 57.15 mm, 57.404 mm, 57.658 mm, 57.912 mm, 58.166 mm, 58.42 mm, 58.674 mm, 58.928 mm, 59.182 mm, 59.436 mm, 59.69 mm, 59.944 mm, 60.198 mm, 60.452 mm, 60.706 mm, 60.96 mm, 61.214 mm, 61.468 mm, 61.722 mm, 61.976 mm, 62.23 mm, 62.484 mm, 62.738 mm, 62.992 mm, 63.246 mm, 63.5 mm, 63.754 mm, 64.008 mm, 64.262 mm, 64.516 mm, 64.77 mm, 65.024 mm, 65.278 mm, 65.532 mm, 65.786 mm, 66.04 mm, 66.294 mm, 66.548 mm, 66.802 mm, 67.056 mm, 67.31 mm, 67.564 mm, 67.818 mm, 68.072 mm, 68.326 mm, 68.58 mm, 68.834 mm, 69.088 mm, 69.342 mm, 69.596 mm, 69.85 mm, 70.104 mm, 70.358 mm, 70.612 mm, 70.866 mm, 71.12 mm, 71.374 mm, 71.628 mm, 71.882 mm, 72.136 mm, 72.39 mm, 72.644 mm, 72.898 mm, 73.152 mm, 73.406 mm, 73.66 mm, 73.914 mm, 74.168 mm, 74.422 mm, 74.676 mm, 74.93 mm, 75.184 mm, 75.438 mm, 75.692 mm, 75.946 mm, 76.2 mm, 76.454 mm, 76.708 mm, 76.962 mm, 77.216 mm, 77.47 mm, 77.724 mm, 77.978 mm, 78.232 mm, 78.486 mm, 78.74 mm, 78.994 mm, 79.248 mm, 79.502 mm, 79.756 mm, 80.01 mm, 80.264 mm, 80.518 mm, 80.772 mm, 81.026 mm, 81.28 mm, 81.534 mm, 81.788 mm, 82.042 mm, 82.296 mm, 82.55 mm, 82.804 mm, 83.058 mm, 83.312 mm, 83.566 mm, 83.82 mm, 84.074 mm, 84.328 mm, 84.582 mm, 84.836 mm, 85.09 mm, 85.344 mm, 85.598 mm, 85.852 mm, 86.106 mm, 86.36 mm, 86.614 mm, 86.868 mm, 87.122 mm, 87.376 mm, 87.63 mm, 87.884 mm, 88.138 mm, 88.392 mm, 88.646 mm, 88.9 mm, 89.154 mm, 89.408 mm, 89.662 mm, 89.916 mm, 90.17 mm, 90.424 mm, 90.678 mm, 90.932 mm, 91.186 mm, 91.44 mm, 91.694 mm, 91.948 mm

Maximum Cable Jacket Opening: 35 Inch,31 Inch,23 Inch

Maximum Splice O.D.: 3.62 Inch,1.95 Inch,3.00 Inch

Maximum Splice Outside Diameter: 1.95 in, 3 in, 3.62 in

Maximum Splice Outside Diameter (Metric): 49.5 , 76.2

Minimum Cable Jacket O.D.: 0.95 in, 1.15 in, 1.55 in

Splice Type: Inline, Rejacketing

Units per Case: 6.0

Voltage: 15 kV, 25/28 kV, 35 kV

eClass 14 Classification Group: 27400107

3M™ Scotchlok™ Electrical IDC 316IR, Pigtail, Irrigation Applications, Black/White, 22-16 AWG, 30 per carton, 300 /Case

3M ID 7000058271 UPC 00054007504191

Details

Helps provide a moisture-resistant seal
Suitable for applications requiring moisture and UV protection
Accommodates 16 to 14 AWG solid/stranded, 12 AWG stranded (outer ports)
and 18 AWG solid/stranded, 20 AWG stranded (inner port)
C UL Listed and RoHS 2011/65/EU Compliant

Typical properties

Brands: Scotchlok™
Conductor Sizes (Imperial): 16 AWG, 22 AWG
Conductor Sizes (Metric): .34 mm², 1.5 mm²
Connection Type: Pigtail
Connector / Connector Tool: 3M Crimping Tool E-9BM, 8" Mechanics (slip joint)
Pliers
Connector Style: Insulation Displacement
Flame Retardant: Yes
Grease Filling Against Corrosion: Yes
Insulation Color: cap black, body white
Insulation Material: Nylon
Insulation Outer Diameter (Imperial): 0.155 in
Interrupt Free Shifting: No
Material: Flame Retardant Nylon
Max. Number of Cores: 3
Maximum Conductor Size (Imperial): 16 AWG
Maximum Conductor Size (Metric): 1.5 mm²
Maximum Operating Temperature (Celsius): 105 °C
Maximum Operating Temperature (Fahrenheit): 221 °F
Maximum Recommended Voltage Rating: 600 V
Minimum Conductor Size (Imperial): 22 AWG
Minimum Conductor Size (Metric): .34 mm²
Moisture Resistant: Yes
Package Quantity: 1000
Product Color: Black, White
Product Type: Connectors
Recommended Crimping Tool: E-9BM
Run Maximum Insulation Outer Diameter (Imperial): 0.155 in
Run Maximum Insulation Outer Diameter (Metric): 3.9 mm
Tap Maximum Insulation Outer Diameter (Imperial): 0.155 in
Tap Maximum Insulation Outer Diameter (Metric): 3.9 mm
UL File Number: E23438
Voltage Application: Low Voltage
Wire Connector Type: IDC Connectors
eClass 14 Classification Group: 27400215

3M™ Scotchcast™ Sheath Seal Kits

Details

Requires no heat
Seals the sheath area for 3-conductor cables without ground wires
Handles conductors of size 2 to 4/0 AWG
RoHS 2011/65/EU Compliant

Typical properties

Brands: 3M™
Cable Accessory Products: Sheath Seal Kits
Conductor Sizes (Imperial): 2 - 4/0 AWG (35 - 100 mm²), 4/0 AWG - 500 kcmil (120 - 250 mm²)
Inner Diameter After Shrink (Imperial): 1.2 in, 1.8 in
Inner Diameter After Shrink (Metric): 30.5 mm, 45.7 mm
Inner Diameter Before Shrink (Imperial): 1.9 in, 3.1 in
Inner Diameter Before Shrink (Metric): 48.3 mm, 78.7 mm
Insulation O.D. Range: 0.30 - 1.18 in, 0.77 - 1.38 in
Insulation O.D. Range (Metric): 19.6 - 35.1 mm, 7.6 - 30.0 mm
Insulation/Jacket O.D. Range: 1.20 - 1.90 in, 1.80 - 3.10 in
Insulation/Jacket O.D. Range (Metric): 30.5 - 48.3 mm, 45.7 - 78.7 mm
Maximum Conductor Size (Imperial): 4/0 AWG, 500 kcmil
Maximum Conductor Size (Metric): 100 mm², 250 mm²
Maximum Jacket Outside Diameter: 1.9 in, 3.1 in
Maximum Jacket Outside Diameter (Metric): 48.3 mm, 78.7 mm
Minimum Conductor Size (Imperial): 2 AWG, 4/0 AWG
Minimum Conductor Size (Metric): 120 mm², 35 mm²
Units per Case: 1.0
eClass 14 Classification Group: 27400108

3M™ Cable Grounding Kits

Details

Provides a simple technique for grounding and resealing the jacket of direct-buried distribution cables

Suitable for use with jacketed concentric neutral power cables

Rated for up to 35 kV applications

UL Listed

Typical properties

Application: Cable Connection

Brands: 3M™

Cable Accessory Products: Sealing and Grounding Kits

Cable Shielding: Longitudinally Corrugated (LC), Tape Shield, UniShield®, Wire Shield

Conductor Material: Aluminum, Copper

Connector Included: None

Insulation Outside Diameter Range: 0.64 - 1.01 Inch

Insulation Outside Diameter Range (Metric): 16.3 - 25.7 mm

Maximum Operating Voltage: 35 Kilovolt

Number of Conductors: 1

Product Type: Grounding Kit, Splice

Splice Type: Inline

Typical Splice Length: 28 in

Typical Splice Length (Metric): 711 mm

Units per Case: 10.0

Voltage: 15 kV

Voltage Application: Medium Voltage

3M™ Scotchlok™ Nylon Insulated with Insulation Grip Block Forks

Typical properties

Barrel Inside Diameter: 0.070 Inch,0.135 Inch,0.090 Inch
Barrel Style: Butted
CSA File Number: LR22190
Clearance (C): 0.25 Inch,0.29 Inch
Dimension E: 0.71 Inch,0.84 Inch,0.69 Inch
Fork Type: Block
Insulated: Yes
Insulation Material: Nylon with Insulation Grip
Material: ETP Copper, Plastic
Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG
Maximum Conductor Size (Metric): .0823 mm², 2.08 mm², 5.26 mm²
Maximum Insulation Outer Diameter (Imperial): 0.145 in, 0.17 in, 0.25 in
Maximum Insulation Outer Diameter (Metric): 3.7 mm
Maximum Insulation Outside Diameter: 0.145 in
Maximum Operating Temperature (Celsius): 105 °C
Maximum Operating Temperature (Fahrenheit): 221 °F
Maximum Recommended Voltage Rating: 600 V
Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 18 AWG, 22 AWG
Minimum Conductor Size (Metric): 0.326 mm², 0.823 mm², 1.31 mm², 3.31 mm²
Product Color: Blue, Red, Yellow
Stud Diameter (Imperial): 0.138 in
Stud Diameter (Metric): 3.505 mm
Stud Size: #10,#6,#8
Terminal Style: Block
Terminal Type: Fork
UL File Number: E23438
Units per Case: 500.0
eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Length (Imperial): 0.84 in, 0.86 in, 1.03 in
Overall Length (Metric): 21.336 mm, 21.844 mm, 26.162 mm
Overall Width (Imperial): 0.25 in, 0.3 in, 0.32 in
Overall Width (Metric): 6.35 mm, 7.62 mm, 8.128 mm

3M™ Wireless Weatherproofing Kits

Details

Reduces vibrations in wire connections to prevent the loosening of connections
Resistant towards water, condensation and varying weather conditions
RoHS 2002/95/EC Compliant

Typical properties

Application: Electrical Maintenance
Case Quantity: 10 Kits,10
Lug/Stem Connector Included in Kit: No
Maximum Operating Temperature (Celsius): 105 °C
Operating Temperature Range (Celsius): -18 °C to 105 °C, 0 °C to 80 °C, Up to 80 °C
Operating Temperature Range (Fahrenheit): 0 to 221 °F, 32 °F to 176 °F, Up to 176 °F
Performance Level: Economy, General Use, Professional Grade
Product Color: Black
Product Type: Wireless Weatherproofing Kits
Self-sticking: Yes
Shelf Life: 5 Year
Solution for: Wireless Network: Weatherproofing
Suitable for High Voltage: No
Tape Type: Wireless Weatherproofing Kits
UV Resistant: Yes
Voltage Application: Low Voltage
Vulcanizing: No

3M™ Spacer Web 7820, 15 kV, 1 /Case

3M ID 7000005911 UPC 50054007024151

Details

Compatible with re-enterable inline and tap splice kits
RoHS 2011/65/EU Compliant

Typical properties

Brands: 3M™
Operating Voltage: 15 kV
Product Type: Resin Splice
Splice Type: Resin

Dimensions and Classifications

Overall Length (Imperial): 20 ft
Overall Length (Metric): 6.1 m
Overall Width (Imperial): 3 in
Overall Width (Metric): 76.2 mm

Scotch™ Bundling Strap RF3730, .5 in x 8 in (12,7 mm x 20.3 cm) Multi-Color

3M ID 70006911559 UPC 00051141380544

Details

Use for household, garden and garage organization
Great for securing and holding bulky items
Ideal for organizing like items together
Self-fastening, adjustable design for a versatile hold
Holds bulky items together
Reuse again and again
Quick, convenient organization
Intended for indoor use
Size: 1/2 in. x 8 in
Color: Assorted Colors

Typical properties

Brands: Scotch™
Factory ISO Certification: No ISO Certification information available
Good For Outdoors: No
Indoor/Outdoor: Indoor
Package Contents: 6 Straps/Pack
Product Color: Multi-color
Tensile Strength (Imperial): 175 lbs
Weight Capacity: N/A
eClass 14 Classification Group: 27140702

Dimensions and Classifications

Overall Length (Imperial): 8 in
Overall Width (Imperial): 0.5 in

3M™ Scotchlok™ IDC Connector 557

Details

intended for use with common thermoplastic insulated wire such as: T, TF, TFF, TFN, TFFN, AWM, TEW, SAE GPT with a maximum insulation diameter of 3,5 mm

Accommodates 22 to 16 AWG solid/stranded
UL Listed and RoHS 2011/65/EU Compliant

Typical properties

Brands: Scotchlok™
CSA File Number: LR15503
Case Quantity: 1000
Conductor Sizes (Imperial): 16 AWG, 22 AWG
Conductor Sizes (Metric): .34 mm², 1.5 mm²
Connection Type: Pigtail
Connector / Connector Tool: 3M Crimping Tool E-9BM and/or 9" Lineman's Pliers
Connector Style: Insulation Displacement
Flame Retardant: Yes
Grease Filling Against Corrosion: No
Insulation Color: Red
Insulation Material: Polypropylene
Insulation Outer Diameter (Imperial): 0.12 in
Interrupt Free Shifting: No
Material: Insulator: FR Polypropylene, U-contact: Tin-plated Brass, Polypropylene, Fitted Contact - Tinned Brass (Body)
Max. Number of Cores: 2
Maximum Conductor Size (Imperial): 16 AWG
Maximum Conductor Size (Metric): 1.5 mm²
Maximum Operating Temperature (Celsius): 105 °C
Maximum Operating Temperature (Fahrenheit): 221 °F
Maximum Recommended Voltage Rating: 600 V
Minimum Conductor Size (Imperial): 22 AWG
Minimum Conductor Size (Metric): .34 mm²
Moisture Resistant: No
Product Color: Red
Product Type: Connector
Recommended Crimping Tool: E-9BM
Run Maximum Insulation Outer Diameter (Imperial): 0.12 in
Run Maximum Insulation Outer Diameter (Metric): 3.05 mm, 3.1 mm
Tap Maximum Insulation Outer Diameter (Imperial): 0.12 in
Tap Maximum Insulation Outer Diameter (Metric): 3.05 mm, 3.1 mm
UL File Number: E23438
Units per Case: 1000.0
Voltage Application: Low Voltage
Wire Connector Type: IDC Connectors
eClass 14 Classification Group: 27400215

Scotch® Tape Termination Kit 5700 Series

Details

Terminates solid dielectric shielded power cables rated 5 to 15 kV
Withstands voltages from 5 to 15 kV
Comes with sufficient materials to make 3 terminations

Typical properties

Application: Cable Termination
Cable Shielding: Concentric Neutral (CN), Tape Shield, UniShield®, Wire Shield
Cable Size Range: 1500-3000 kcmil
Cable Type: Concentric Neutral (CN)
Case Quantity: 3
Conductor Sizes (Imperial): 1 AWG, 1/0 AWG, 1000 kcmil, 2 AWG, 2/0 AWG, 250 kcmil, 3/0 AWG, 300 kcmil, 350 kcmil, 4 AWG, 4/0 AWG, 400 kcmil, 500 kcmil, 6 AWG, 600 kcmil, 700 kcmil, 750 kcmil, 8 AWG, 800 kcmil, 900 kcmil
Conductor Sizes (Metric): 10 mm², 120 mm², 16 mm², 25 mm², 35 mm², 50 mm², 70 mm², 95 mm²
For connection of paper - with plasticinsulated cables: No
Indoor/Outdoor: Indoor
Insulation Level: 1, 100%, 133%
Insulation Rejacketing: No
Lug/Stem Connector Included in Kit: No
Maximum Conductor Size (Imperial): 1000 kcmil, 4/0 AWG
Maximum Conductor Size (Metric): 120 mm², 500 mm²
Maximum Installed Length: (Concentric Neutral, 15 kV) 18.50 in, (Concentric Neutral, 5 kV) 11.25 in, (Concentric Neutral, 8 kV) 13.50 in, (UniShield®, 15 kV) 18.50 in, (UniShield®, 5 kV) 11.25 in, (UniShield®, 8 kV) 13.50 in, (Wire Shielded Cable, 15 kV) 20.00 in, (Wire Shielded Cable, 5 kV) 12.75 in, (Wire Shielded Cable, 8 kV) 15.00 in, Wire Shielded Cable: 15 kV: 20 in/Unishield: 15 kV: 18.5 in/Concentric Neutral: 15 kV: 18.5 in, Wire Shielded Cable: 5 kV: 12.75 in
Minimum Conductor Size (Imperial): 8 AWG, 800 kcmil
Minimum Conductor Size (Metric): 10 mm², 405 mm²
Number of Conductors: 1
Number of Skirts: 0
Product Series: 5700
Product Type: Termination Kit
Suitable for High Voltage: No
Tape Type: Tape Termination Kit
UV Resistant: Yes
Voltage: 15 kV, 25/28 kV, 25/28 kV, 15 kV, 28 kV, 5 kV, 5 kV, 15 kV, 8 kV, 8 kV
Vulcanizing: No
eClass 14 Classification Group: 27400102

3M™ Aluminum Connectors CI Series

Details

Standard barrel ensures a secure fit and offers reliable performance
Built-in solid center oil stop allows for correct positioning
For use with the 3M Cable Splice Kits QS-I, QS-II and QS-III Series
Made of aluminum for good conductivity and tin plating for corrosion resistance
Rated up to 35 kV
Meets ANSI C119.4
RoHS 2011/65/EU Compliant

Typical properties

Barrel Style: Standard Barrel
Body Material: Aluminum
Breakout Boot: No
Cable Insulation Outside Diameter Range: 0.33-0.50 in
Cable Insulation Outside Diameter Range (Metric): 8.4-12.7 mm
Case Quantity: 10
Compatible With: 5420, 5450 & 5451A, 5451R, 5451R Splice Body, 5461, Molded Rubber Splices 15 kV, Molded Rubber Splices 15 kV and 25 kV, Molded Rubber Splices 25 kV
Conductor Sizes (Imperial): 2 AWG, 4 AWG, 6 AWG, 8 AWG
Connector Base Metal: Aluminum
Connector Type: Compression Connectors
Electrical Connector Type: Compression Connectors
For Use With: Aluminum or Copper Conductors
Indoor/Outdoor: Indoor Non-skirted
Insulation Rejacketing: Yes
Lug/Stem Connector Included in Kit: No
Maximum Conductor Size (Imperial): 1/0 AWG (Stranded), 2 AWG (Stranded), 2/0 AWG (Stranded), 250 kcmil (Stranded), 3/0 AWG (Stranded), 350 kcmil (Stranded), 4 AWG (Stranded), 4/0 AWG (Stranded), 500 kcmil (Compact), 500 kcmil (Stranded), 750 kcmil (Stranded)
Maximum Conductor Size (Metric): 120 mm² (Stranded), 185 mm² (Stranded), 240 mm² (Compact), 240 mm² (Stranded), 25 mm² (Stranded), 35 mm² (Stranded), 400 mm² (Stranded), 50 mm² (Stranded), 70 mm² (Stranded), 95 mm² (Stranded)
Maximum Installed Length: 8.50 in
Maximum Operating Voltage: 35 Kilovolt
Minimum Conductor Size (Imperial): 1/0 AWG, 2 AWG, 2/0 AWG, 250 kcmil, 3/0 AWG, 350 kcmil, 4 AWG, 4/0 AWG, 450 kcmil, 500 kcmil, 650 kcmil, 750 kcmil
Minimum Conductor Size (Metric): 120 mm², 185 mm², 240 mm², 25 mm², 329 mm², 35 mm², 400 mm², 50 mm², 70 mm², 95 mm²
Number of Conductors: 3
Number of Skirts: 0
Outer Diameter (Imperial): 0.64 in, 0.91 in, 1.12 in, 1.32 in, 1.59 in
Product Series: 7600-T-RJS, CI Series, CI-A Series
Solution: constructionindconnectors
eClass 14 Classification Group: 27400212

Dimensions and Classifications

Overall Length (Imperial): 2 in, 3 in, 3.7 in, 3.75 in, 4.25 in, 4.66 in, 9 in

Overall Length (Metric): 50.8 mm, 76.2 mm, 94 mm, 95.3 mm, 107.9 mm, 118.4 mm, 228.6 mm

3M™ Scotchlok™ Nylon Fully Insulated with Insulation Grip Male Disconnects

Details

This male disconnect terminal offers excellent holding force
Allows for quick and easy disconnect of wires
Made of electrolytic copper for good conductivity and has corrosion-resistant tin plating
Withstands a temperature range of -40 to 221 degrees F (-40 to 105 degrees C)
Rated 600V for building wire and 1000V for signs, fixtures or luminaires
UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Barrel Inside Diameter: 0.25 Inch,0.170 Inch,0.145 Inch,0.17 Inch,0.250 Inch
Barrel Length (Imperial): 0.25 Inch,0.24 Inch
Barrel Style: Butted
Bullet Diameter: 0.180,0.156
CSA File Number: LR22190
Connection Type: Wire
Connection Width (Imperial): 0.187 in, 0.25 in
Connection Width (Metric): 4.75 mm, 6.35 mm
Connector / Connector Tool: Connector
Connector Style: Insulation Displacement
Diameter (D): 0.39 Inch,0.3 Inch,0.30 Inch
Disconnect Type: Male
Fastener Orientation: Male
Grease Filling Against Corrosion: No
Insulation Color: Blue, Red, Yellow
Insulation Material: Nylon with Insulation Grip
Male Tab Width (W'): 0.187 Inch, 0.25 Inch, 0.250 Inch
Material: ETP Copper, Plastic
Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG
Maximum Conductor Size (Metric): 1 mm², 2.5 mm², 6 mm²
Maximum Insulation Outer Diameter (Imperial): 0.145 in
Maximum Insulation Outer Diameter (Metric): 3.7 mm
Maximum Insulation Outside Diameter: 0.145 in
Maximum Operating Temperature (Celsius): 105 °C
Maximum Operating Temperature (Fahrenheit): 221 °F
Maximum Recommended Voltage Rating: 600 V
Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 22 AWG
Minimum Conductor Size (Metric): .34 mm², 1.5 mm², 4 mm²
Pad Width: 0.187 in, 0.25 in
Product Color: Blue, Red, Yellow
Tab Width: 0.250,0.187
Terminal Style: Fully Insulated
Terminal Type: Disconnect
UL File Number: E70512
Units per Case: 500.0,1000.0
Voltage Application: Low Voltage

eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Diameter (Imperial): 0.3 in, 0.39 in

Overall Length (Imperial): 0.87 in, 0.95 in, 1.05 in

Overall Length (Metric): 22.098 mm, 24.13 mm, 26.67 mm

Overall Width (Imperial): 0.37 in, 0.44 in, 0.47 in

Overall Width (Metric): 9.398 mm, 9.4 mm, 11.17 mm, 11.93 mm

3M™ Industrial Loadbreak Protective Caps

3M ID B00049313

Details

Electrically insulates and mechanically seals loadbreak bushing interfaces
Provides fully shielded, insulating cover for energized bushings
Suitable for permanent or temporary installation on bushings, junctions or feed-thru devices
Meets ANSI/IEEE Standard 386 requirement

Typical properties

Brands: 3M™
Separable Connector Type: Load Break Elbows
eClass 14 Classification Group: 27440308

3M™ Performance Plus™ Wire Connectors

Details

Strong bite for a secure, reliable connection
Flexible spring expands for greater wire range and reuse
Dual color coded: one connector does the job of two traditional connectors in the majority of applications
UL Listed

Typical properties

Boxes per Case: 10.0,20.0,8.0
Case Quantity: 1,000,40,000,10,000,25,000,6,000
Conductor Sizes (Imperial): 14 - 6 AWG, 22 - 12 AWG, 22 - 8 AWG
Connection Type: Pigtail, Wire
Connector Style: Twist On
Flame Retardant: Yes
Grease Filling Against Corrosion: No
Insulation Color: Blue/Gray, Orange/Blue
Insulation Material: Polypropylene & Thermoplastic Elastomer
Interrupt Free Shifting: No
Material: Plastic
Maximum Conductor Size (Imperial): 12 AWG, 6 AWG, 8 AWG
Maximum Conductor Size (Metric): 10 mm², 16 mm², 4 mm²
Maximum Insulation Outer Diameter (Metric): 3.7 mm
Maximum Insulation Outside Diameter: 0.145 in
Maximum Operating Temperature (Celsius): 105 °C
Maximum Operating Temperature (Fahrenheit): 221 °F
Maximum Recommended Voltage Rating: 600 V
Maximum Voltage Rating: 600 V, 600 V (1000 V in signs, lighting fixtures and luminaries)
Minimum Conductor Size (Imperial): 14 AWG, 22 AWG
Minimum Conductor Size (Metric): .34 mm², 2.5 mm²
Product Color: Blue, Gray, Orange, Red, Tan, Yellow
Product Type: Connector
Specifications Met: CSA, UL Listed
Units per Case: 40000.0,10000.0,4000.0,1000.0,17000.0,25000.0
Voltage: 750 V
Voltage Rating: 600 V
Wire Connector Type: Twist-on Wire Connectors
eClass 14 Classification Group: 27400215

3M™ Connector Drivers

Details

Spins on the connector for ease and speed of installation
Straight wings and slip-resistant ridges for secure, comfortable grip
Available in yellow, tan, green (grounding), red and blue
UL Listed

Typical properties

Brands: 3M™
Connector / Connector Tool: Connector Tool
Maximum Operating Temperature (Celsius): 105 °C
Maximum Operating Temperature (Fahrenheit): 221 °F
Product Color: Red
Product Type: Tool
Voltage Rating: 0 NP
Wire Connector Type: Wire Connector Tools
eClass 14 Classification Group: 27400215

3M™ Cross-Arm Mounting Brackets

3M ID B00028150

Details

Galvanized steel construction for durability
Used in conjunction with MB and MBS Series mounting brackets
Designed for supporting terminated cable
RoHS 2011/65/EU Compliant

Typical properties

Brands: 3M™
eClass 14 Classification Group: 15090300

3M™ Heat Shrink Tubing PSTH

Details

Specially designed for harsh operating conditions
Resists a wide range of solvents and chemicals, such as aviation fuel, diesel fuel, lubricating oils and hydraulic fluid
Suitable for heavy-duty equipment, off-road vehicles and wire-harnessing applications on military ground vehicles
Made of black flexible elastomeric polyester
Withstands temperatures of -70 to 302 degrees F (-55 to 150 degrees C)
Flame-retardant

Typical properties

Agency Approvals: SC-X15111C
Applicable SAE-AMS-DTL-23053 Specifications: 23053/16
Dielectric Strength: 500 V/mil
Elongation: 350 %
Expanded Inner Diameter: 0.375 in
Expanded Inner Diameter (Metric): 9.53 mm
Flammability Rating: Self-Extinguishing
Heat Shrink Type: Specialty Polymer Tubing
Inner Diameter After Shrink (Imperial): 0.125 in, 0.187 in, 0.25 in, 0.313 in, 0.375 in, 0.437 in, 0.625 in, 0.75 in
Inner Diameter After Shrink (Metric): 3.17 mm, 4.75 mm, 6.35 mm, 7.95 mm, 9.53 mm, 11.1 mm, 15.87 mm, 19.05 mm
Inner Diameter Before Shrink (Imperial): 0.25 in, 0.375 in, 0.5 in, 0.625 in, 0.75 in, 0.875 in, 1.25 in, 1.5 in
Inner Diameter Before Shrink (Metric): 6.35 mm, 9.53 mm, 12.7 mm, 15.87 mm, 19.05 mm, 22.22 mm, 31.75 mm, 38.1 mm
Material: Flexible Elastomeric Polyester
Maximum Operating Temperature (Celsius): 200 °C
Maximum Operating Temperature (Fahrenheit): 392 °F
Mil Spec: AMS-DTL-23053/16
Minimum Expanded Tubing I. D.: 1 in, 1.25 in, 1.5 in, 3 in, 5 in, 7 in
Non-Corrosive: Yes
Operating Temperature Range (Celsius): -55 °C to +200 °C
Product Color: Black
Recovered Inner Diameter: 0.01 in, 0.187 in, 0.75 in, 1 in, 5 in, 7 in
Recovered Inner Diameter (Metric): 4.75 mm, 19.05 mm
Recovered Inner Diameter Millimetres: 19.05 mm
Recovered Wall Thickness: 0.035 in
Shrink Ratio: 2:1
Tensile Strength (Imperial): 2200 Pound-Force Per Square Inch
Tubing Type: Special Purpose, Flexible Elastomeric Polyester
eClass 14 Classification Group: 27400105

Dimensions and Classifications

Overall Length (Imperial): 50 ft, 100 ft, 150 ft, 200 ft

3M™ Scotchlok™ Non-Insulated Seamless Compression Butt Connectors

3M ID B10397992

Details

Non-insulated, seamless barrel ensures a secure fit and offers reliable performance

Offers electrical connection to a pre-stripped end of a stranded wire

Barrel has brown stripes that help to indicate the wire range

Accommodates wire size 2 AWG

Made of electrolytic copper for good conductivity and has tin plating for corrosion resistance

Withstands a maximum temperature of 347 degrees F (175 degrees C) for bare terminals

UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

eClass 14 Classification Group: 27400204

3M™ Industrial Loadbreak Bushing Inserts

3M ID B00034535

Details

Provides the same function as an integral loadbreak bushing
All-copper current path offers high performance
Suitable for use in transformers, switches and other apparatus
Meets ANSI/IEEE Standard 386 requirement

Typical properties

Brands: 3M™
Cable Voltage Rating: 15 kV
Compatible With: Loadbreak Elbow Kit Series 5810
Separable Connector Type: Load Break Elbows
eClass 14 Classification Group: 27440308

3M™ Scotchlok™ Aluminum One Hole Lug 40000 Series

Details

Standard barrel ensures a secure fit and offers reliable performance
Barrel sealing caps are color coded to help to indicate the wire gauge
Suitable for indoor and outdoor applications
Made of aluminum for good conductivity and tin plating for corrosion resistance
Rated for 35 kV applications

Typical properties

Barrel Length (Imperial): 0.75 in, 2.19 in, 3.32 in, 0.94 in, 0.92 in, 1.44 in, 1.3 in, 1.5 in, 1.56 in, 4.62 in, 1.18 in, 2.2 in, 2.94 in
Barrel Length (Metric): 117.3 mm, 19.1 mm, 23.4 mm, 23.8 mm, 30.0 mm, 33.0 mm, 36.5 mm, 38.1 mm, 39.6 mm, 55.6 mm, 74.6 mm, 84.3 mm
Barrel Style: Standard Barrel
Case Quantity: 25, 6, 50, 10
Center of Hole to Center of Hole: 0.625 Inch, 0.62 Inch, 0.437 Inch
Center of Hole to End of Pad: 0.625 Inch, 0.88 Inch, 0.62 Inch, 0.44 Inch
Center of Hole to End of Pad (Metric): 11.1 mm, 11.2 mm, 15.7 mm, 15.9 mm, 22.4 mm
Compatible Conductor Size (Imperial): 1 AWG, 1/0 AWG, 1000 kcmil, 2 AWG, 2/0 AWG, 250 kcmil, 3/0 AWG, 300 kcmil, 350 kcmil, 4 AWG, 4/0 AWG, 500 kcmil, 6 AWG, 750 kcmil
Compatible Conductor Size (Metric): 120 mm², 150 mm², 16 mm², 185 mm², 240 mm², 25 mm², 35 mm², 400 mm², 50 mm², 500 mm², 70 mm², 95 mm²
Connector Description: One Hole
For Use With: Aluminum or Copper Conductors
Inside Diameter (Imperial): 0.2 in, 0.265 in, 0.307 in, 0.35 in, 0.414 in, 0.439 in, 0.484 in, 0.547 in, 0.594 in, 0.65 in, 0.72 in, 0.843 in, 1.031 in, 1.193 in
Inside Diameter (Metric): 10.5 mm, 16.5 mm, 7.8 mm, 26.2 mm, 6.7 mm, 5.1 mm, 13.9 mm, 21.4 mm, 8.9 mm, 11.2 mm, 18.3 mm, 15.1 mm, 30.3 mm, 12.3 mm
Lug Description: One Hole
Lug Type: Compression Lugs
Material: Aluminum
Maximum Conductor Size (Imperial): 1 AWG, 1/0 AWG, 1000 kcmil, 2 AWG, 2/0 AWG, 250 kcmil, 3/0 AWG, 300 kcmil, 350 kcmil, 4 AWG, 4/0 AWG, 500 kcmil, 6 AWG, 750 kcmil
Maximum Operating Voltage: 35 Kilovolt
Number of Stud Holes: 1
Outer Diameter (Imperial): 0.34 in, 0.47 in, 0.53 in, 0.64 in, 0.69 in, 0.76 in, 0.88 in, 0.91 in, 1.01 in, 1.11 in, 1.32 in, 1.5 in, 1.84 in
Pad Length (Imperial): 0.88 in, 0.96 in, 1.03 in, 1.12 in, 1.25 in, 1.28 in, 1.31 in, 1.34 in, 1.5 in, 1.87 in
Pad Length (Metric): 22.3 mm, 24.4 mm, 26.2 mm, 28.4 mm, 31.8 mm, 32.5 mm, 33.2 mm, 33.3 mm, 34.1 mm, 38.1 mm, 47.5 mm
Pad Width: 0.56 in, 0.62 in, 0.75 in, 0.88 in, 0.95 in, 1.06 in, 1.19 in, 1.24 in, 1.38 in, 1.49 in, 1.5 in, 1.72 in, 1.73 in, 2.42 in
Pad Width (Metric): 14.2 mm, 15.7 mm, 19.1 mm, 22.4 mm, 24.2 mm, 26.9 mm, 30.2 mm, 31.4 mm, 34.5 mm, 37.8 mm, 43.6 mm, 43.9 mm, 61.4 mm

Product Color: Brown, Dark Blue, Gold, Gray, Green, Olive, Pink, Red, Ruby, White, Yellow
Product Series: 40000
Stud Sizes: 1/2 Inch, 3/8 Inch, 5/16 inch, 5/8 Inch
Units per Case: 25.0,50.0,10.0,6.0
eClass 14 Classification Group: 15090900

Dimensions and Classifications

Overall Length (Imperial): 2.28 in, 2.3 in, 2.56 in, 2.62 in, 3.12 in, 3.19 in, 3.44 in, 3.56 in, 3.62 in, 4 in, 4.25 in, 4.32 in, 5.44 in, 6.38 in, 7.94 in
Overall Length (Metric): 57.9 mm, 58.4 mm, 66.5 mm, 66.7 mm, 79.2 mm, 81 mm, 87.4 mm, 90.4 mm, 91.9 mm, 101.6 mm, 108 mm, 109.7 mm, 138.2 mm, 162.1 mm, 201.6 mm

3M™ Scotchlok™ Electrical IDC 564-BULK, Double Run, White, 18-14 AWG, 500 per carton, 5000/case

3M ID 7000005870 UPC 00054007061182

Details

Beige polypropylene-insulated connector for parallel splicing
Suitable for control circuit wiring, fixture wiring, appliance wiring, signal and PA systems and automotive/boat/RV wiring
Accommodates 18 to 14 AWG solid/stranded (tap) and 12 to 10 AWG solid/stranded (run)
UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Brands: Scotchlok™
Conductor Sizes (Imperial): 14 AWG, 18 AWG
Conductor Sizes (Metric): 1 mm², 2.5 mm²
Connection Type: Double Run or Tap
Connector Style: Insulation Displacement
Flame Retardant: No
Grease Filling Against Corrosion: No
Insulation Color: White
Insulation Material: Polypropylene
Insulation Outer Diameter (Imperial): 0.145 in
Material: Plastic
Maximum Conductor Size (Imperial): 14 AWG
Maximum Conductor Size (Metric): 2.5 mm²
Maximum Operating Temperature (Celsius): 90 °C
Maximum Operating Temperature (Fahrenheit): 194 °F
Maximum Recommended Voltage Rating: 32 V
Minimum Conductor Size (Imperial): 18 AWG
Minimum Conductor Size (Metric): 1 mm²
Moisture Resistant: No
Pad Width: 0.25 in
Product Color: White
Product Type: Double Run
Recommended Crimping Tool: E-9BM or 9 in. Linemans Pliers
Run Maximum Insulation Outer Diameter (Imperial): 0.145 in
Run Maximum Insulation Outer Diameter (Metric): 3.7 mm
Tap Maximum Insulation Outer Diameter (Imperial): 0.145 in
Tap Maximum Insulation Outer Diameter (Metric): 3.7 mm
Units per Case: 500.0
Voltage Application: Low Voltage
Wire Connector Type: IDC Connectors
eClass 14 Classification Group: 27400215

3M™ Scotchlok™ Heat Shrink Nylon Fully Insulated Female Disconnects

Details

Dents and rolled edges of this female disconnect terminal offer excellent holding force

When crimped and shrunk, pre-insulated adhesive-lined polyolefin offers seal resistance to water and salt

Mates with 0.25-in wide male tab

Made of durable brass for good conductivity and has corrosion-resistant tin plating

Withstands a maximum temperature of 221 degrees F (105 degrees C)

Rated 600V for building wire and 1000V for signs, fixtures or luminaires

UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Barrel Inside Diameter: 0.080 Inch, 0.165 Inch, 0.08 Inch

Barrel Length (Imperial): 0.25 Inch

Barrel Style: Butted

Connection Type: Wire

Connection Width (Imperial): 0.25 in

Connection Width (Metric): 6.35 mm

Connector / Connector Tool: Connector

Connector Style: Insulation Displacement

Diameter (D): 0.23 Inch, 0.32 Inch

Disconnect Type: Female

Fastener Orientation: Female

Flame Retardant: No

Grease Filling Against Corrosion: No

Insulation Color: Blue, Yellow

Insulation Material: Heat Shrink

Interrupt Free Shifting: No

Male Tab Width (W'): 0.25 Inch, 0.250 Inch

Material: ETP Copper

Mates with Male Tab Width (W'): 0.25 Inch

Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG

Maximum Conductor Size (Metric): 1 mm², 2.5 mm², 6 mm²

Maximum Insulation Outer Diameter (Imperial): 0.145 in

Maximum Insulation Outer Diameter (Metric): 3.7 mm

Maximum Insulation Outside Diameter: 0.145 in

Maximum Operating Temperature (Celsius): 105 °C

Maximum Operating Temperature (Fahrenheit): 221 °F

Maximum Recommended Voltage Rating: 600 V

Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 22 AWG

Minimum Conductor Size (Metric): .34 mm², 1.5 mm², 4 mm²

Pad Width: 0.25 in

Product Color: Blue, Yellow

Tab Width: 0.250, 0.187

Terminal Style: Fully Insulated

Terminal Type: Disconnect
Units per Case: 250.0,125.0
eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Diameter (Imperial): 0.23 in, 0.32 in
Overall Length (Imperial): 1.2 in
Overall Length (Metric): 30.48 mm
Overall Width (Imperial): 0.37 in, 0.39 in
Overall Width (Metric): 9.4 mm

3M™ Scotchcast™ M-Series Cable Repair Kits

Details

Features a wraparound mold, which maintains excellent physical and electrical properties
Provides permanent, flexible and moisture-resistant jacket repair
For insulation, mechanical protection and repair of cables
Repairs both portable power cables or standard cables
Wraparound mold repairs the jacket without cutting through the cable
Works on cables rated up to 2 kV
Includes reusable wraparound mold, flame-retardant compound and accessory materials

Typical properties

Adhesive Lined: No
Application: Insulation, mechanical protection, repair
Brands: 3M™
Cable Accessory Products: Electrical Resins
Cable Outside Diameter Range: 1.60-2.50 inch, 1.85-4.00 inch, 1.85-6.00 inch
Cable Type: multi core, non shielded, polymeric insulated cable
Flame Retardant: Yes
Inner Diameter After Shrink (Imperial): 1.6 in, 1.9 in
Inner Diameter After Shrink (Metric): 41 mm, 47 mm
Inner Diameter Before Shrink (Imperial): 2.5 in, 4 in, 6 in
Inner Diameter Before Shrink (Metric): 63 mm, 102 mm, 152 mm
Max Repair Length: 13.0-15 inch, 20.0 inch, 32.0 inch
Mining Sector Approval: Yes
Model: Cast Resin
Number of Conductors: 3
Resin Type: SC 2131
Shelf Life: 36 Month
Splice Type: Inline
Units per Case: 1.0
Voltage: 6 kV
Voltage Application: Medium Voltage
Voltage Rating: 0.6/1 kV
With Screw Connectors: No
eClass 14 Classification Group: 27400108

Dimensions and Classifications

Overall Length (Imperial): 20.1 in, 29.1 in, 44 in
Overall Length (Metric): 510 mm, 740 mm, 1118 mm

3M™ Heat Shrink Flexible Polyolefin Tubing EPS-200

Details

Dual-wall construction provides abrasion resistance and moisture-seal protection
Offers the advantage of integral, adhesive-lined construction
Protects electronic components, automotive, truck and marine wiring splices or bundling of wires
Made of black flexible polyolefin
Withstands temperatures of -67 to 230 degrees F (-55 to 110 degrees C)
Flame-retardant tubing is rated for 600V applications

Typical properties

Agency Approvals: UL Recognized, CSA Certified
Brands: 3M™
Dielectric Strength: 800 V/mil
Dielectric Strength (V/mil): 500 V/mil
Elongation: 450 %
Expanded Inner Diameter: 0.125 in, 0.187 in, 0.25 in, 0.375 in, 0.5 in, 0.75 in, 1 in, 1.5 in, 2 in
Expanded Inner Diameter (Metric): 12.70 mm, 19.05 mm, 25.40 mm, 3.18 mm, 38.10 mm, 4.75 mm, 50.80 mm, 6.35 mm, 9.53 mm
Flame Retardant: Yes
Flammability Rating: UL 224 All Tubing Flame Test, UL 224 All Tubing Flame Test [jacket]
Heat Shrink Type: Adhesive-Lined Polyolefin Heat Shrink Tubing
Inner Diameter After Shrink (Imperial): 0.06 in, 0.062 in, 0.093 in, 0.125 in, 0.16 in, 0.187 in, 0.195 in, 0.25 in, 0.375 in, 0.5 in, 0.65 in, 0.75 in, 1 in
Inner Diameter After Shrink (Metric): 0.25 mm, 1.52 mm, 1.57 mm, 2.36 mm, 3.18 mm, 4.06 mm, 4.75 mm, 5 mm, 9.53 mm, 12.7 mm, 16.5 mm, 19.05 mm, 25.4 mm
Inner Diameter Before Shrink (Imperial): 0.125 in, 0.187 in, 0.25 in, 0.375 in, 0.5 in, 0.75 in, 1 in, 1.5 in, 2 in
Inner Diameter Before Shrink (Metric): 3.18 mm, 4.75 mm, 4.8 mm, 6.35 mm, 9.53 mm, 12.7 mm, 19.05 mm, 25.4 mm, 38.1 mm, 50.8 mm
Material: Flexible Polyolefin, Polyolefin
Maximum Operating Temperature (Celsius): 105 °C, 110 °C
Maximum Operating Temperature (Fahrenheit): 230 °F, 275 °F
Mil Spec: AMS-DTL-23053/4, Class 2
Minimum Expanded Tubing I. D.: 0.125 in, 0.187 in, 0.25 in, 0.375 in, 0.5 in, 0.75 in, 1 in, 1.5 in, 2 in
Non-Corrosive: Yes
Operating Temperature (Celsius): -55 °C to 110 °C
Operating Temperature (Fahrenheit): -67 °F to 230 °F
Operating Temperature Range (Celsius): -55 °C to 110 °C
Operating Temperature Range (Fahrenheit): -67 °F to 230 °F
Recovered Inner Diameter: 0.063 in, 0.093 in, 0.125 in, 0.187 in, 0.25 in, 0.375 in, 0.5 in, 0.75 in, 1 in
Recovered Inner Diameter (Metric): 1.6 mm, 2.36 mm, 3.18 mm, 4.75 mm, 6.35 mm, 9.53 mm, 12.7 mm, 19.05 mm, 25.4 mm

Shrink Ratio: 2:1
Tape Type: Barricade
Tensile Strength (Imperial): 2100 Pound-Force Per Square Inch
UL File Number: E-39100
Units per Case: 25.0,12.0,2.0,3.0,10.0,5.0,75.0,8.0,125.0
eClass 14 Classification Group: 27400105

Dimensions and Classifications

Overall Length (Imperial): 6 in, 6 ft, 48 in

3M™ Heat Shrink Multiple-Wall

Details

Multiple wall is co-extruded and cross-linked to offer a meltable inner wall
Offers a skintight fit and strain-relief sealing of electrical connections, wire splices and components
Provides the advantage of integral, adhesive-lined construction
Made of black semi-rigid polyolefin
Withstands temperatures of -67 to 230 degrees F (-55 to 110 degrees C)
Rated for 600V applications

Typical properties

Agency Approvals: UL Listed, UL Recognized, CSA Certified
Applicable SAE-AMS-DTL-23053 Specifications: 23053/4 class 1
Elongation: 4 %, 4 Decibel, 400 %
Expanded Inner Diameter: 0.125 in, 0.187 in, 0.25 in, 0.375 in, 0.5 in, 0.75 in, 1 in
Expanded Inner Diameter (Metric): 12.70 mm, 19.05 mm, 25.40 mm, 3.18 mm, 3.2 mm, 4.8 mm, 6.4 mm, 9.5 mm
Flame Retardant: No, Yes
Heat Shrink Type: Adhesive-Lined Polyolefin Heat Shrink Tubing
Inner Diameter After Shrink (Imperial): 0.023 in, 0.06 in, 0.062 in, 0.08 in, 0.135 in, 0.187 in, 0.195 in, 0.31 in, 0.313 in, 0.4 in
Inner Diameter After Shrink (Metric): 0.6 mm, 1.5 mm, 1.52 mm, 1.57 mm, 2 mm, 2.03 mm, 3.4 mm, 4.75 mm, 5 mm, 7.95 mm, 10.2 mm
Inner Diameter Before Shrink (Imperial): 0.125 in, 0.187 in, 0.25 in, 0.375 in, 0.5 in, 0.75 in, 1 in
Inner Diameter Before Shrink (Metric): 3.18 mm, 3.2 mm, 4.8 mm, 6.4 mm, 9.5 mm, 9.53 mm, 12.7 mm, 19.05 mm, 25.4 mm
Material: Polyolefin, Semi-rigid Polyolefin
Maximum Operating Temperature (Celsius): 110 °C
Maximum Operating Temperature (Fahrenheit): 230 °F
Minimum Expanded Tubing I. D.: 0.125 in, 0.187 in, 0.25 in, 0.375 in, 0.5 in, 0.75 in, 1 in
Non-Corrosive: Yes
Operating Temperature (Celsius): -55 °C to 110 °C
Operating Temperature (Fahrenheit): -67 °F to 230 °F
Operating Temperature Range (Celsius): -55 °C to 110 °C
Operating Temperature Range (Fahrenheit): -67 °F to 230 °F
Product Color: Black, Blue, Brown, Green, Red, White, Yellow
Recovered Inner Diameter: 0.023 in, 0.06 in, 0.08 in, 0.135 in, 0.195 in, 0.313 in, 0.4 in
Recovered Inner Diameter (Metric): 0.58 mm, 0.6 mm, 1.5 mm, 2 mm, 3.4 mm, 5 mm, 7.95 mm, 10.2 mm
Recovered Inner Diameter Millimetres: 0.58 mm, 1.52 mm, 2.03 mm, 3.43 mm, 4.95 mm, 7.94 mm
Shrink Ratio: 2.5:1
Tensile Strength (Imperial): 2200 Pound-Force Per Square Inch
Tubing Type: Dual Wall (Adhesive Lined)
UL File Number: E-157227

Units per Case: 25.0,12.0,5.0
eClass 14 Classification Group: 27400105

Dimensions and Classifications

Overall Length (Imperial): 4 ft, 6 in, 48 in
Overall Length (Metric): 152 mm, 1219 mm

3M™ Scotchlok™ Copper One Hole Long Barrel Lug 31000 Series

Details

Long barrel ensures a secure fit and offers reliable performance
Barrel has colored stripes that help to indicate the wire range
Suitable for indoor and outdoor applications
Made of copper for good conductivity and tin plating for corrosion resistance
Rated for 35 kV applications
UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Barrel Length (Imperial): 2.19 in, 1.5 in, 1.56 in, 2 in, 1.94 in, 1.44 in, 2.69 in
Barrel Length (Metric): 36.5 mm, 38.1 mm, 39.7 mm, 49.2 mm, 50.8 mm, 55.6 mm, 68.2 mm
Barrel Style: Long Barrel
Brands: Scotchlok™
Case Quantity: 6, 10
Center of Hole to Center of Hole: 0.531 Inch, 0.66 Inch, 0.375 Inch
Center of Hole to End of Pad: 0.37 Inch, 0.88 Inch, 0.66 Inch, 0.53 Inch
Center of Hole to End of Pad (Metric): 13.4 mm, 16.7 mm, 22.4 mm, 9.5 mm
Compatible Conductor Size (Imperial): 2/0 AWG, 250 kcmil, 3/0 AWG, 300 kcmil, 350 kcmil, 4/0 AWG, 400 kcmil, 500 kcmil, 600 kcmil
Compatible Conductor Size (Metric): 120 mm², 150 mm², 185 mm², 240 mm², 300 mm², 70 mm², 95 mm²
Connector Description: One Hole
For Use With: Copper Conductor Only
Inside Diameter (Imperial): 0.43 in, 0.49 in, 0.54 in, 0.59 in, 0.65 in, 0.7 in, 0.76 in, 0.83 in, 0.92 in
Inside Diameter (Metric): 11.2 mm, 16.5 mm, 23.4 mm, 19.3 mm, 15.1 mm, 13.9 mm, 21.1 mm, 12.4 mm, 17.8 mm
Lug Type: Compression Lugs
Material: Copper
Maximum Conductor Size (Imperial): 2/0 AWG, 250 kcmil, 3/0 AWG, 300 kcmil, 350 kcmil, 4/0 AWG, 400 kcmil, 500 kcmil, 600 kcmil
Maximum Operating Voltage: 35 Kilovolt
Number of Stud Holes: 1
Outer Diameter (Imperial): 0.56 in, 0.62 in, 0.68 in, 0.75 in, 0.81 in, 0.88 in, 0.95 in, 1.06 in, 1.18 in
Pad Length (Imperial): 0.89 in, 1.11 in, 1.34 in, 1.75 in
Pad Length (Metric): 22.6 mm, 28.2 mm, 34.2 mm, 44.4 mm
Pad Width: 0.81 in, 0.91 in, 1 in, 1.11 in, 1.22 in, 1.27 in, 1.41 in, 1.53 in, 1.69 in
Pad Width (Metric): 20.6 mm, 23 mm, 25.4 mm, 28.2 mm, 30.9 mm, 32.2 mm, 35.8 mm, 38.9 mm, 42.9 mm
Product Color: Black, Blue, Brown, Green, Orange, Purple, Red, White, Yellow
Product Series: 31000
Stud Sizes: 1/2 Inch, 3/8 Inch, 5/8 Inch
Units per Case: 10.0, 6.0
eClass 14 Classification Group: 15090900

Dimensions and Classifications

Overall Length (Imperial): 2.84 in, 3.13 in, 3.32 in, 3.38 in, 3.78 in, 3.85 in, 4.16 in, 4.5 in, 5.12 in

Overall Length (Metric): 72.2 mm, 79.5 mm, 84.4 mm, 85.8 mm, 96 mm, 97.6 mm, 105.7 mm, 114.3 mm, 130 mm

3M™ Scotchlok™ IDC Connector 562

Details

Yellow, polypropylene-insulated connector is suitable for tap or parallel splicing
Rated for 32V applications
Accommodates 18 to 14 AWG solid/stranded
RoHS 2011/65/EU Compliant

Typical properties

Brands: Scotchlok™
Case Quantity: 1000
Conductor Sizes (Imperial): 10 AWG (Stranded), 12 AWG
Conductor Sizes (Metric): 4 mm², 6 mm² (Stranded)
Connection Type: Double Run or Tap
Connector / Connector Tool: 3M Crimping Tool E-9BM and/or 9" Lineman's Pliers
Connector Style: Insulation Displacement
Flame Retardant: Yes
Grease Filling Against Corrosion: No
Insulation Color: Yellow
Insulation Material: Polypropylene
Insulation Outer Diameter (Imperial): 0.19 in
Interrupt Free Shifting: No
Material: Insulator: FR Polypropylene, U-contact: Tin-plated Brass
Max. Number of Cores: 2
Maximum Conductor Size (Imperial): 10 AWG (Stranded), 12 AWG
Maximum Conductor Size (Metric): 4 mm², 6 mm² (Stranded)
Maximum Operating Temperature (Celsius): 90 °C
Maximum Operating Temperature (Fahrenheit): 194 °F
Maximum Recommended Voltage Rating: 600 V
Minimum Conductor Size (Imperial): 12 AWG
Minimum Conductor Size (Metric): 4 mm²
Moisture Resistant: No
Package Quantity: 1000
Product Color: Yellow
Product Type: Connector
Run Maximum Insulation Outer Diameter (Imperial): 0.19 in
Run Maximum Insulation Outer Diameter (Metric): 4.82 mm
Tap Maximum Insulation Outer Diameter (Imperial): 0.19 in
Tap Maximum Insulation Outer Diameter (Metric): 4.82 mm
UL File Number: E23438
Units per Case: 1000.0
Voltage Application: Low Voltage
Wire Connector Type: IDC Connectors
eClass 14 Classification Group: 27400215

3M™ Scotchlok™ Heat Shrink Nylon Fully Insulated Butted Seam Male Disconnects

Details

This male disconnect terminal offers excellent holding force
When crimped and shrunk, pre-insulated adhesive-lined polyolefin offers seal resistance to water and salt
Mates with 0.25-in wide female tab
Made of electrolytic copper for good conductivity and has corrosion-resistant tin plating
Withstands a maximum temperature of 221 degrees F (105 degrees C)
Rated 600V for building wire and 1000V for signs, fixtures or luminaires
UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Barrel Inside Diameter: 0.085 Inch,0.065 Inch,0.15 Inch,0.150 Inch
Barrel Length (Imperial): 0.25 Inch
Barrel Style: Butted
Bullet Diameter: 0.156
Connection Width (Imperial): 0.25 in
Connection Width (Metric): 6.35 mm
Diameter (D): 0.39 Inch,0.3 Inch,0.30 Inch
Disconnect Type: Male
Fastener Orientation: Male
Insulation Color: Blue, Red, Yellow
Insulation Material: Heat Shrink
Male Tab Width (W'): 0.25 Inch, 0.250 Inch
Material: Plastic
Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG
Maximum Conductor Size (Metric): 1 mm², 2.5 mm², 6 mm²
Maximum Insulation Outer Diameter (Imperial): 0.145 in
Maximum Insulation Outer Diameter (Metric): 3.7 mm
Maximum Operating Temperature (Celsius): 105 °C
Maximum Operating Temperature (Fahrenheit): 221 °F
Maximum Recommended Voltage Rating: 600 V
Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 22 AWG
Minimum Conductor Size (Metric): .34 mm², 1.5 mm², 4 mm²
Pad Width: 0.25 in
Product Color: Blue, Red, Yellow
Tab Width: 0.250,0.110,0.187
Terminal Style: Fully Insulated
Terminal Type: Disconnect
Units per Case: 250.0,125.0
Voltage Application: Low Voltage
eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Diameter (Imperial): 0.3 in, 0.39 in

Overall Length (Imperial): 1.2 in
Overall Length (Metric): 30.48 mm
Overall Width (Imperial): 0.44 in, 0.47 in
Overall Width (Metric): 11.17 mm, 11.93 mm

3M™ Cold Shrink Splice Jacket Kits

Details

The versatile 1-piece design offers quick installation
Resists fungus, acids and alkalis
Suitable for direct burial, aerial and submersible applications
Cold shrink jacket made of EPDM rubber provides moisture resistance and durability
Includes Cold Shrink sealing sleeve and Scotch 2228 rubber mastic tape
Water resistant - meets the water seal requirements of ANSI C119.1

Typical properties

Application: Cable Connection
Cable Insulation Outside Diameter Range: 0.91-1.06 in
Cable Insulation Outside Diameter Range (Metric): 23.0-26.8 mm
Cable Shielding: Jacketed Concentric Neutral (JCN)
Cable Type: Concentric Neutral (CN), Jacketed Concentric Neutral (JCN)
Conductor Sizes (Imperial): 1 AWG (Solid), 1 AWG (Stranded), 1/0 AWG (Solid), 1/0 AWG (Stranded), 2 AWG (Stranded), 2/0 AWG, 2/0 AWG (Stranded), 600 kcmil
Conductor Sizes (Metric): 300 mm², 35 mm² (Stranded), 50 mm² (Solid), 50 mm² (Stranded), 70 mm², 70 mm² (Stranded)
Connector Included: None
Dielectric Strength (V/mil): 490 V/mil
Elongation: 635 %
For Use With: 3M™ 5400 Series Cold Shrink Splices
Insulation Outer Diameter (Imperial): 0.91 in, 0.92 in, 0.93 in, 0.94 in, 0.95 in, 0.96 in, 0.97 in, 0.98 in, 0.99 in, 1 in, 1.01 in, 1.02 in, 1.03 in, 1.04 in, 1.05 in, 1.06 in, 1.07 in, 1.08 in, 1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in, 1.16 in, 1.17 in, 1.18 in, 1.19 in, 1.2 in, 1.21 in, 1.22 in, 1.23 in, 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in, 1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in, 1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in, 1.49 in, 1.5 in, 1.51 in, 1.52 in, 1.53 in, 1.54 in, 1.55 in, 1.56 in, 1.57 in, 1.58 in, 1.59 in, 1.6 in, 1.61 in, 1.62 in, 1.63 in, 1.64 in, 1.65 in, 1.66 in, 1.67 in, 1.68 in, 1.69 in, 1.7 in, 1.71 in, 1.72 in, 1.73 in, 1.74 in, 1.75 in, 1.76 in, 1.77 in, 1.78 in, 1.79 in, 1.8 in, 1.81 in, 1.82 in, 1.83 in, 1.84 in, 1.85 in, 1.86 in, 1.87 in, 1.88 in, 1.89 in, 1.9 in, 1.91 in, 1.92 in, 1.93 in, 1.94 in, 1.95 in, 1.96 in, 1.97 in, 1.98 in, 1.99 in, 2 in, 2.01 in, 2.02 in, 2.03 in, 2.04 in, 2.05 in, 2.06 in, 2.07 in, 2.08 in, 2.09 in, 2.1 in, 2.11 in, 2.12 in, 2.13 in, 2.14 in, 2.15 in, 2.16 in, 2.17 in, 2.18 in, 2.19 in, 2.2 in, 2.21 in, 2.22 in, 2.23 in, 2.24 in, 2.25 in, 2.26 in, 2.27 in, 2.28 in, 2.29 in, 2.3 in, 2.31 in, 2.32 in, 2.33 in, 2.34 in, 2.35 in, 2.36 in, 2.37 in, 2.38 in, 2.39 in, 2.4 in, 2.41 in, 2.42 in, 2.44 in, 2.45 in, 2.46 in, 2.47 in, 2.48 in, 2.49 in, 2.5 in, 2.51 in, 2.52 in, 2.53 in, 2.54 in, 2.55 in, 2.56 in, 2.57 in, 2.58 in, 2.59 in, 2.6 in, 2.61 in, 2.62 in, 2.63 in, 2.64 in, 2.65 in, 2.66 in, 2.67 in, 2.68 in, 2.69 in, 2.7 in, 2.71 in, 2.72 in, 2.73 in, 2.74 in, 2.75 in, 2.76 in, 2.77 in, 2.78 in, 2.79 in, 2.8 in, 2.81 in, 2.82 in, 2.83 in, 2.84 in, 2.85 in, 2.86 in, 2.87 in, 2.88 in, 2.89 in, 2.9 in, 2.91 in, 2.92 in, 2.93 in, 2.94 in, 2.95 in, 2.96 in, 2.97 in, 2.98 in, 2.99 in, 3 in, 3.01 in, 3.02 in, 3.03 in, 3.04 in, 3.05 in, 3.06 in, 3.07 in, 3.08 in, 3.09 in, 3.1 in, 3.11 in, 3.12 in, 3.13 in, 3.14 in, 3.15 in, 3.16 in,

3.17 in, 3.18 in, 3.19 in, 3.2 in, 3.21 in, 3.22 in, 3.23 in, 3.24 in, 3.25 in, 3.26 in, 3.27 in, 3.28 in, 3.29 in, 3.3 in, 3.31 in, 3.32 in, 3.33 in, 3.34 in, 3.35 in, 3.36 in, 3.37 in, 3.38 in, 3.39 in, 3.4 in, 3.41 in, 3.42 in, 3.43 in, 3.44 in, 3.45 in, 3.46 in, 3.47 in, 3.48 in, 3.49 in, 3.5 in, 3.51 in, 3.52 in, 3.53 in, 3.54 in, 3.55 in, 3.56 in, 3.57 in, 3.58 in, 3.59 in, 3.6 in, 3.61 in, 3.62 in, 3.63 in, 3.64 in, 3.65 in, 3.66 in, 3.67 in, 3.68 in, 3.69 in, 3.7 in, 3.71 in, 3.72 in, 3.73 in, 3.74 in, 3.75 in, 3.76 in, 3.77 in, 3.78 in, 3.79 in, 3.8 in, 3.81 in, 3.82 in, 3.83 in, 3.84 in, 3.85 in, 3.86 in, 3.87 in, 3.88 in, 3.89 in, 3.9 in, 3.91 in, 3.92 in, 3.93 in, 3.94 in, 3.95 in, 3.96 in, 3.97 in, 3.98 in, 3.99 in, 4 in

Insulation Outer Diameter (Metric): 23.114 mm, 23.368 mm, 23.622 mm, 23.876 mm, 24.13 mm, 24.384 mm, 24.638 mm, 24.892 mm, 25.146 mm, 25.4 mm, 25.654 mm, 25.908 mm, 26.162 mm, 26.416 mm, 26.67 mm, 26.924 mm, 27.178 mm, 27.432 mm, 27.686 mm, 27.94 mm, 28.194 mm, 28.448 mm, 28.702 mm, 28.956 mm, 29.21 mm, 29.464 mm, 29.718 mm, 29.972 mm, 30.226 mm, 30.48 mm, 30.734 mm, 30.988 mm, 31.242 mm, 31.496 mm, 31.75 mm, 32.004 mm, 32.258 mm, 32.512 mm, 32.766 mm, 33.02 mm, 33.274 mm, 33.528 mm, 33.782 mm, 34.036 mm, 34.29 mm, 34.544 mm, 34.798 mm, 35.052 mm, 35.306 mm, 35.56 mm, 35.814 mm, 36.068 mm, 36.322 mm, 36.576 mm, 36.83 mm, 37.084 mm, 37.338 mm, 37.592 mm, 37.846 mm, 38.1 mm, 38.354 mm, 38.608 mm, 38.862 mm, 39.116 mm, 39.37 mm, 39.624 mm, 39.878 mm, 40.132 mm, 40.386 mm, 40.64 mm, 40.894 mm, 41.148 mm, 41.402 mm, 41.656 mm, 41.91 mm, 42.164 mm, 42.418 mm, 42.672 mm, 42.926 mm, 43.18 mm, 43.434 mm, 43.688 mm, 43.942 mm, 44.196 mm, 44.45 mm, 44.704 mm, 44.958 mm, 45.212 mm, 45.466 mm, 45.72 mm, 45.974 mm, 46.228 mm, 46.482 mm, 46.736 mm, 46.99 mm, 47.244 mm, 47.498 mm, 47.752 mm, 48.006 mm, 48.26 mm, 48.514 mm, 48.768 mm, 49.022 mm, 49.276 mm, 49.53 mm, 49.784 mm, 50.038 mm, 50.292 mm, 50.546 mm, 50.8 mm, 51.054 mm, 51.308 mm, 51.562 mm, 51.816 mm, 52.07 mm, 52.324 mm, 52.578 mm, 52.832 mm, 53.086 mm, 53.34 mm, 53.594 mm, 53.848 mm, 54.102 mm, 54.356 mm, 54.61 mm, 54.864 mm, 55.118 mm, 55.372 mm, 55.626 mm, 55.88 mm, 56.134 mm, 56.388 mm, 56.642 mm, 56.896 mm, 57.15 mm, 57.404 mm, 57.658 mm, 57.912 mm, 58.166 mm, 58.42 mm, 58.674 mm, 58.928 mm, 59.182 mm, 59.436 mm, 59.69 mm, 59.944 mm, 60.198 mm, 60.452 mm, 60.706 mm, 60.96 mm, 61.214 mm, 61.468 mm, 61.976 mm, 62.23 mm, 62.484 mm, 62.738 mm, 62.992 mm, 63.246 mm, 63.5 mm, 63.754 mm, 64.008 mm, 64.262 mm, 64.516 mm, 64.77 mm, 65.024 mm, 65.278 mm, 65.532 mm, 65.786 mm, 66.04 mm, 66.294 mm, 66.548 mm, 66.802 mm, 67.056 mm, 67.31 mm, 67.564 mm, 67.818 mm, 68.072 mm, 68.326 mm, 68.58 mm, 68.834 mm, 69.088 mm, 69.342 mm, 69.596 mm, 69.85 mm, 70.104 mm, 70.358 mm, 70.612 mm, 70.866 mm, 71.12 mm, 71.374 mm, 71.628 mm, 71.882 mm, 72.136 mm, 72.39 mm, 72.644 mm, 72.898 mm, 73.152 mm, 73.406 mm, 73.66 mm, 73.914 mm, 74.168 mm, 74.422 mm, 74.676 mm, 74.93 mm, 75.184 mm, 75.438 mm, 75.692 mm, 75.946 mm, 76.2 mm, 76.454 mm, 76.708 mm, 76.962 mm, 77.216 mm, 77.47 mm, 77.724 mm, 77.978 mm, 78.232 mm, 78.486 mm, 78.74 mm, 78.994 mm, 79.248 mm, 79.502 mm, 79.756 mm, 80.01 mm, 80.264 mm, 80.518 mm, 80.772 mm, 81.026 mm, 81.28 mm, 81.534 mm, 81.788 mm, 82.042 mm, 82.296 mm, 82.55 mm, 82.804 mm, 83.058 mm, 83.312 mm, 83.566 mm, 83.82 mm, 84.074 mm, 84.328 mm, 84.582 mm, 84.836 mm, 85.09 mm, 85.344 mm, 85.598 mm, 85.852 mm, 86.106 mm, 86.36 mm, 86.614 mm, 86.868 mm, 87.122 mm, 87.376 mm, 87.63 mm, 87.884 mm, 88.138 mm, 88.392 mm, 88.646 mm, 88.9 mm, 89.154 mm, 89.408 mm, 89.662 mm, 89.916 mm, 90.17 mm, 90.424 mm, 90.678 mm, 90.932 mm, 91.186 mm, 91.44 mm, 91.694 mm, 91.948 mm, 92.202 mm, 92.456 mm, 92.71 mm, 92.964 mm, 93.218 mm, 93.472 mm

mm, 93.726 mm, 93.98 mm, 94.234 mm, 94.488 mm, 94.742 mm, 94.996 mm, 95.25 mm, 95.504 mm, 95.758 mm, 96.012 mm, 96.266 mm, 96.52 mm, 96.774 mm, 97.028 mm, 97.282 mm, 97.536 mm, 97.79 mm, 98.044 mm, 98.298 mm, 98.552 mm, 98.806 mm, 99.06 mm, 99.314 mm, 99.568 mm, 99.822 mm, 100.076 mm, 100.33 mm, 100.584 mm, 100.838 mm, 101.092 mm, 101.346 mm, 101.6 mm

Lug/Stem Connector Included in Kit: No

Maximum Cable Jacket Opening: 30 Inch, 28 Inch, 20 Inch

Maximum Conductor Size (Imperial): 1 AWG

Maximum Conductor Size (Metric): 50 mm²

Maximum Splice O.D.: 3.3 Inch, 2.4 Inch, 4.0 Inch

Maximum Splice Outside Diameter: 2.4 in, 3.3 in, 4 in

Maximum Splice Outside Diameter (Metric): 61 , 101.6

Minimum Cable Jacket O.D.: 0.95 in, 1.15 in, 1.55 in

Number of Conductors: 1

Product Color: Black

Product Series: 5450 Series

Splice Type: Inline

Units per Case: 6.0

Voltage: 15 kV, 25/28 kV, 35 kV

Voltage Application: Medium Voltage

eClass 14 Classification Group: 27400107

3M™ Cold Shrink QT-II Outdoor Termination Kits 5640 & 5650 Series

Details

One-piece cold shrink termination
High dielectric-constant material regulates the distribution of electric field stress
Suitable for outdoor, weather exposed applications
Silicone rubber insulation is track-resistance and hydrophobic
Silicone cold shrink application provides constant radial pressure, "living seal"
Voltage ratings: 4 skirt kits up to 15kV, 110 kV BIL; 6 skirt kits up to 25/28 kV, 150 kV BIL; 8 skirt kits up to 35 kV, 200 kV BIL
Meets IEEE Standard 48, Class 1 for outdoor, weather-exposed applications

Typical properties

Additional Kit Contents: (1) MB3 Mounting Bracket, (1) MB4 Mounting Bracket, (1) SC0001 Stem Connector, (1) SC0002 Stem Connector, (1) SC0010 Stem Connector, (1) SC0020 Stem Connector, (1) SC0040 Stem Connector
Application: Cable Termination
Application/Industry: Utility
BIL: 110 kV, 150 kV, 200 kV
Breakout Boot: No
Cable Insulation Outside Diameter Range: 0.64 to 1.12 in, 0.84-1.38 in, 1.08-1.80 in, 1.31-2.10 in, 1.80-2.30 in
Cable Insulation Outside Diameter Range (Metric): 16.2 - 28.5 mm, 16.2-28.4 mm, 16.3 to 28.4 mm, 21.3 - 35.0 mm, 21.3-35.1 mm, 27.4 - 45.7 mm, 33.3 - 53.3 mm, 45.7-58.4 mm
Cable Shielding: Concentric Neutral (CN), Jacketed Concentric Neutral (JCN), Tape Shield
Cable Type: Jacketed Concentric Neutral (JCN), Polymeric insulated, copper wire screened, unarmored cable, Power Cable
Case Quantity: 1
Conductor Material: Aluminum, Copper
Conductor Sizes (Imperial): 1 AWG, 1/0 AWG, 1000 kcmil, 1250 kcmil, 1500 kcmil, 2 AWG, 2/0 AWG, 250 kcmil, 3/0 AWG, 300 kcmil, 350 kcmil, 4/0 AWG, 400 kcmil, 450 kcmil, 500 kcmil, 600 kcmil, 700 kcmil, 750 kcmil, 800 kcmil, 900 kcmil
Connector Included: No
Connector Maximum Outside Diameter: 1.50 in
Connector Maximum Outside Diameter (Metric): 38.1 mm
Dielectric Strength (V/mil): 507 V/mil
Elongation: 750 %
Indoor/Outdoor: Outdoor Skirted
Insulation Level: 100%, 133%
Insulation Material: Silicone Rubber
Insulation O.D. Range (Metric): 16.2-28.4 mm, 21.3-35.1 mm
Insulation Outer Diameter (Imperial): 0.61 in, 0.64 in, 0.65 in, 0.66 in, 0.67 in, 0.68 in, 0.69 in, 0.7 in, 0.71 in, 0.72 in, 0.73 in, 0.74 in, 0.75 in, 0.76 in, 0.77 in, 0.78 in, 0.79 in, 0.8 in, 0.81 in, 0.82 in, 0.83 in, 0.84 in, 0.85 in, 0.86 in, 0.87 in, 0.88 in, 0.89 in, 0.9 in, 0.91 in, 0.92 in, 0.93 in, 0.94 in, 0.95 in, 0.96 in, 0.97 in, 0.98 in, 0.99 in, 1 in, 1.01 in, 1.02 in, 1.03 in, 1.04 in, 1.05 in, 1.06 in, 1.07 in,

1.08 in, 1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in, 1.16 in, 1.17 in, 1.18 in, 1.19 in, 1.2 in, 1.21 in, 1.22 in, 1.23 in, 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in, 1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in, 1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in, 1.49 in, 1.5 in, 1.51 in, 1.52 in, 1.53 in, 1.54 in, 1.55 in, 1.56 in, 1.57 in, 1.58 in, 1.59 in, 1.6 in, 1.61 in, 1.62 in, 1.63 in, 1.64 in, 1.65 in, 1.66 in, 1.67 in, 1.68 in, 1.69 in, 1.7 in, 1.71 in, 1.72 in, 1.73 in, 1.74 in, 1.75 in, 1.76 in, 1.77 in, 1.78 in, 1.79 in, 1.8 in, 1.81 in, 1.82 in, 1.83 in, 1.84 in, 1.85 in, 1.86 in, 1.87 in, 1.88 in, 1.89 in, 1.9 in, 1.91 in, 1.92 in, 1.93 in, 1.94 in, 1.95 in, 1.96 in, 1.97 in, 1.98 in, 1.99 in, 2 in, 2.01 in, 2.02 in, 2.03 in, 2.04 in, 2.05 in, 2.06 in, 2.07 in, 2.08 in, 2.09 in, 2.1 in, 2.11 in, 2.12 in, 2.13 in, 2.14 in, 2.15 in, 2.16 in, 2.17 in, 2.18 in, 2.19 in, 2.2 in, 2.21 in, 2.22 in, 2.23 in, 2.24 in, 2.25 in, 2.26 in, 2.27 in, 2.28 in, 2.29 in, 2.3 in

Insulation Outer Diameter (Metric): 16.256 mm, 16.51 mm, 16.764 mm, 17.018 mm, 17.272 mm, 17.526 mm, 17.78 mm, 18.034 mm, 18.288 mm, 18.542 mm, 18.796 mm, 19.05 mm, 19.304 mm, 19.558 mm, 19.812 mm, 20.066 mm, 20.32 mm, 20.574 mm, 20.828 mm, 21.082 mm, 21.336 mm, 21.59 mm, 21.844 mm, 22.098 mm, 22.352 mm, 22.606 mm, 22.86 mm, 23.114 mm, 23.368 mm, 23.622 mm, 23.876 mm, 24.13 mm, 24.384 mm, 24.638 mm, 24.892 mm, 25.146 mm, 25.4 mm, 25.654 mm, 25.908 mm, 26.162 mm, 26.416 mm, 26.67 mm, 26.924 mm, 27.178 mm, 27.432 mm, 27.686 mm, 27.94 mm, 28.194 mm, 28.448 mm, 28.702 mm, 28.956 mm, 29.21 mm, 29.464 mm, 29.718 mm, 29.972 mm, 30.226 mm, 30.48 mm, 30.734 mm, 30.988 mm, 31.242 mm, 31.496 mm, 31.75 mm, 32.004 mm, 32.258 mm, 32.512 mm, 32.766 mm, 33.02 mm, 33.274 mm, 33.528 mm, 33.782 mm, 34.036 mm, 34.29 mm, 34.544 mm, 34.798 mm, 35.052 mm, 35.306 mm, 35.56 mm, 35.814 mm, 36.068 mm, 36.322 mm, 36.576 mm, 36.83 mm, 37.084 mm, 37.338 mm, 37.592 mm, 37.846 mm, 38.1 mm, 38.354 mm, 38.608 mm, 38.862 mm, 39.116 mm, 39.37 mm, 39.624 mm, 39.878 mm, 40.132 mm, 40.386 mm, 40.64 mm, 40.894 mm, 41.148 mm, 41.402 mm, 41.656 mm, 41.91 mm, 42.164 mm, 42.418 mm, 42.672 mm, 42.926 mm, 43.18 mm, 43.434 mm, 43.688 mm, 43.942 mm, 44.196 mm, 44.45 mm, 44.704 mm, 44.958 mm, 45.212 mm, 45.466 mm, 45.72 mm, 45.974 mm, 46.228 mm, 46.482 mm, 46.736 mm, 46.99 mm, 47.244 mm, 47.498 mm, 47.752 mm, 48.006 mm, 48.26 mm, 48.514 mm, 48.768 mm, 49.022 mm, 49.276 mm, 49.53 mm, 49.784 mm, 50.038 mm, 50.292 mm, 50.546 mm, 50.8 mm, 51.054 mm, 51.308 mm, 51.562 mm, 51.816 mm, 52.07 mm, 52.324 mm, 52.578 mm, 52.832 mm, 53.086 mm, 53.34 mm, 53.594 mm, 53.848 mm, 54.102 mm, 54.356 mm, 54.61 mm, 54.864 mm, 55.118 mm, 55.372 mm, 55.626 mm, 55.88 mm, 56.134 mm, 56.388 mm, 56.642 mm, 56.896 mm, 57.15 mm, 57.404 mm, 57.658 mm, 57.912 mm, 58.166 mm, 58.42 mm

Insulation Rejacketing: No

Jacket Outside Diameter Range: 0.93-1.35 in, 1.19-1.72 in, 1.37-2.02 in, 1.62-2.55 in, 2.10-2.75 in

Jacket Outside Diameter Range (Metric): 23.6-34.3 mm, 30.2-43.6 mm, 30.2-43.7 mm, 34.8-51.3 mm, 41.2-64.8 mm, 53.4-69.8 mm

Lug/Stem Connector Included in Kit: No, Yes

Material: Silicone Rubber

Maximum Conductor Size (Imperial): 250 kcmil, 500 kcmil

Maximum Conductor Size (Metric): 120 mm², 240 mm²

Maximum Installed Length: 10.00 in, 11.00 in, 11.25 in, 13.00 in, 14.50 in, 14.75 in, 17.50 in, 19.50 in, 19.75 in, 21.00 in

Maximum Installed Length (Metric): 444 mm

Minimum Conductor Size (Imperial): 2/0 AWG, 250 kcmil, 4 AWG
Minimum Conductor Size (Metric): 120 mm², 25 mm², 70 mm²
Number of Conductors: 1
Number of Skirts: 4 , 6 , 8
Product Color: Gray
Product Series: 5640, 5650
Product Type: Splice
Type: Cold Shrink QT-II
Voltage: 15 kV, 25 kV, 25/28 kV, 25/35 kV, 35 kV
Voltage Rating: 12/20 kV
eClass 14 Classification Group: 27400102

3M™ Cold Shrink QT-III Termination Kit 7600-T-3G Series for 5-35 kV

Details

Provides a void-free seal to tape shield, wire shield and UniShield® power cables
High dielectric-constant material regulates the distribution of electric field stress
Suitable for indoor applications
Silicone rubber insulation offers durability and reduces leakage currents in damp conditions

Typical properties

Application: Cable Connection, Cable Termination

BIL: 110 kV, 150 kV, 95 kV

Brands: 3M™

Breakout Boot: Yes

Cable Insulation Outside Diameter Range: 0.33-0.50 in, 0.50-0.70 in, 0.70-0.92 in, 0.92-1.18 in, 1.18-1.52 in

Cable Insulation Outside Diameter Range (Metric): 12.7-17.8 mm, 17.8-23.4 mm, 23.4-30.0 mm, 30.0-38.6 mm, 8.4-12.7 mm

Cable Shielding: Tape Shield, UniShield®, Wire Shield, Wire-Over-Tape Shield

Case Quantity: 1

Conductor Material: Aluminum, Copper

Conductor Sizes (Imperial): 1 AWG, 1/0 AWG, 1000 kcmil, 2 AWG, 2/0 AWG, 250 kcmil, 3/0 AWG, 300 kcmil, 350 kcmil, 4 AWG, 4/0 AWG, 400 kcmil, 500 kcmil, 6 AWG, 600 kcmil, 700 kcmil, 750 kcmil, 8 AWG, 800 kcmil, 900 kcmil

Connector Included: None

Indoor/Outdoor: Indoor Non-skirted

Insulation Level: 100%, 133%

Insulation Outer Diameter (Imperial): 0.33 in, 0.34 in, 0.35 in, 0.36 in, 0.37 in, 0.38 in, 0.39 in, 0.4 in, 0.41 in, 0.42 in, 0.43 in, 0.44 in, 0.45 in, 0.46 in, 0.47 in, 0.48 in, 0.49 in, 0.5 in, 0.51 in, 0.52 in, 0.53 in, 0.54 in, 0.55 in, 0.56 in, 0.57 in, 0.58 in, 0.59 in, 0.6 in, 0.61 in, 0.62 in, 0.63 in, 0.64 in, 0.65 in, 0.66 in, 0.67 in, 0.68 in, 0.69 in, 0.7 in, 0.71 in, 0.72 in, 0.73 in, 0.74 in, 0.75 in, 0.76 in, 0.77 in, 0.78 in, 0.79 in, 0.8 in, 0.81 in, 0.82 in, 0.83 in, 0.84 in, 0.85 in, 0.86 in, 0.87 in, 0.88 in, 0.89 in, 0.9 in, 0.91 in, 0.92 in, 0.93 in, 0.94 in, 0.95 in, 0.96 in, 0.97 in, 0.98 in, 0.99 in, 1 in, 1.01 in, 1.02 in, 1.03 in, 1.04 in, 1.05 in, 1.06 in, 1.07 in, 1.08 in, 1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in, 1.16 in, 1.17 in, 1.18 in, 1.19 in, 1.2 in, 1.21 in, 1.22 in, 1.23 in, 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in, 1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in, 1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in, 1.49 in, 1.5 in, 1.51 in, 1.52 in

Insulation Outer Diameter (Metric): 8.382 mm, 8.636 mm, 8.89 mm, 9.144 mm, 9.398 mm, 9.652 mm, 9.906 mm, 10.16 mm, 10.414 mm, 10.668 mm, 10.922 mm, 11.176 mm, 11.43 mm, 11.684 mm, 11.938 mm, 12.192 mm, 12.446 mm, 12.7 mm, 12.954 mm, 13.208 mm, 13.462 mm, 13.716 mm, 13.97 mm, 14.224 mm, 14.478 mm, 14.732 mm, 14.986 mm, 15.24 mm, 15.494 mm, 15.748 mm, 16.002 mm, 16.256 mm, 16.51 mm, 16.764 mm, 17.018 mm, 17.272 mm, 17.526 mm, 17.78 mm, 18.034 mm, 18.288 mm, 18.542 mm, 18.796 mm, 19.05 mm, 19.304 mm, 19.558 mm, 19.812 mm, 20.066 mm, 20.32 mm, 20.574 mm, 20.828 mm, 21.082 mm, 21.336 mm, 21.59 mm, 21.844 mm, 22.098 mm, 22.352 mm,

22.606 mm, 22.86 mm, 23.114 mm, 23.368 mm, 23.622 mm, 23.876 mm, 24.13 mm, 24.384 mm, 24.638 mm, 24.892 mm, 25.146 mm, 25.4 mm, 25.654 mm, 25.908 mm, 26.162 mm, 26.416 mm, 26.67 mm, 26.924 mm, 27.178 mm, 27.432 mm, 27.686 mm, 27.94 mm, 28.194 mm, 28.448 mm, 28.702 mm, 28.956 mm, 29.21 mm, 29.464 mm, 29.718 mm, 29.972 mm, 30.226 mm, 30.48 mm, 30.734 mm, 30.988 mm, 31.242 mm, 31.496 mm, 31.75 mm, 32.004 mm, 32.258 mm, 32.512 mm, 32.766 mm, 33.02 mm, 33.274 mm, 33.528 mm, 33.782 mm, 34.036 mm, 34.29 mm, 34.544 mm, 34.798 mm, 35.052 mm, 35.306 mm, 35.56 mm, 35.814 mm, 36.068 mm, 36.322 mm, 36.576 mm, 36.83 mm, 37.084 mm, 37.338 mm, 37.592 mm, 37.846 mm, 38.1 mm, 38.354 mm, 38.608 mm

Insulation Outside Diameter Range: 1.08 - 1.70 Inch

Insulation Outside Diameter Range (Metric): 27.4 - 43.2 mm

Insulation Rejacketing: Yes

Lug/Stem Connector Included in Kit: No

Material: Silicone Rubber

Maximum Cable Outside Diameter: 2.80 in, 4.50 in, 3.90 in, 2.20 in, 3.30 in

Maximum Cable Outside Diameter (Metric): 114.3 mm, 55.9 mm, 71.1 mm, 83.8 mm, 99.1 mm

Maximum Conductor Size (Imperial): 1000 kcmil

Maximum Conductor Size (Metric): 500 mm²

Maximum Installed Length: 12.00 in, 16.00 in, 8.50 in

Minimum Conductor Size (Imperial): 500 kcmil

Minimum Conductor Size (Metric): 240 mm²

Number of Conductors: 3

Product Color: Gray

Product Series: 7600-3G, 7600-T-3G

Product Type: Splice

Splice Type: Inline

Typical Splice Length: 32 in

Typical Splice Length (Metric): 813 mm

Units per Case: 1.0

Voltage: 15 kV, 25 kV, 35 kV, 5 kV, 8 kV

Voltage Application: Medium Voltage

eClass 14 Classification Group: 27400102

3M™ Cold Shrink QS-III Inline Shielded Cable Splice Kits 5535A and 5536A

Details

Inline splice for joining tape shield, wire shield, UniShield® or longitudinally corrugated shielded power cables

Special electrode design of the kit reduces the electrical stress at a critical cable/splice interface

Designed for inline splicing, feeder and distribution circuits, size transition splicing, direct burial installations and submerged locations

Silicon rubber-splice body provides good high and low temperature performance, and the EPDM rubber jacket offers physical protection

Rated for 35 kV cables

High-voltage, production-tested for partial discharge and AC ensure reliability

Typical properties

Cable Shielding: Longitudinally Corrugated (LC), Tape Shield, UniShield®, Wire Shield

Conductor Material: Aluminum, Copper

Conductor Sizes (Imperial): 1/0 AWG, 1000 kcmil, 250 kcmil, 350 kcmil, 4/0 AWG, 500 kcmil, 750 kcmil

Insulation Level: 1.33, 100%, 133%

Insulation Outer Diameter (Imperial): 1.07 in, 1.08 in, 1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in, 1.16 in, 1.17 in, 1.18 in, 1.19 in, 1.2 in, 1.21 in, 1.22 in, 1.23 in, 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in, 1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in, 1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in, 1.49 in, 1.5 in, 1.51 in, 1.52 in, 1.53 in, 1.54 in, 1.55 in, 1.56 in, 1.57 in, 1.58 in, 1.59 in, 1.6 in, 1.61 in, 1.62 in, 1.63 in, 1.64 in, 1.65 in, 1.66 in, 1.67 in, 1.68 in, 1.69 in, 1.7 in, 1.71 in, 1.72 in, 1.73 in, 1.74 in, 1.75 in, 1.76 in, 1.77 in, 1.78 in, 1.79 in, 1.8 in, 1.81 in, 1.82 in, 1.83 in, 1.84 in, 1.85 in, 1.86 in, 1.87 in, 1.88 in, 1.89 in, 1.9 in, 1.91 in, 1.92 in, 1.93 in, 1.94 in, 1.95 in, 1.96 in, 1.97 in, 1.98 in, 1.99 in, 2 in, 2.01 in, 2.02 in, 2.03 in, 2.04 in, 2.05 in, 2.06 in, 2.07 in

Insulation Outside Diameter Range: 1.07 - 1.70 Inch, 1.24 - 2.07 Inch

Insulation Outside Diameter Range (Metric): 27.2 - 43.2 mm, 31.5 - 52.6 mm

Number of Conductors: 1

Product Series: 5535A, 5536A

Splice Type: Cold Shrink

Voltage: 35 kV

eClass 14 Classification Group: 27400107

3M™ Cold Shrink QT-II Outdoor Termination Kits 5600 & 5680 Series

Details

One-piece cold shrink termination
High dielectric-constant material regulates the distribution of electric field stress
Suitable for outdoor, weather exposed applications
Silicone rubber insulation is track-resistance and hydrophobic
Silicone cold shrink application provides constant radial pressure, "living seal"
Withstands voltages of 5 to 15kV and is 110 kV BIL-rated
Meets IEEE Standard 48, Class 1 for outdoor, weather-exposed applications

Typical properties

Additional Kit Contents: (1) SC0001 Stem Connector, (1) SC0010 Stem Connector, (1) SC0020 Stem Connector, (1) SC0040 Stem Connector
Application: Cable Termination
Application/Industry: Utility
BIL: 110 kV, 150 kV, 200 kV
Brands: 3M™
Breakout Boot: No
Cable Insulation Outside Diameter Range: 0.637-1.12 in, 0.64 to 1.12 in, 0.84-1.38 in, 1.08-1.80 in, 1.31-2.10 in, 1.80-2.75 in
Cable Insulation Outside Diameter Range (Metric): 16-28 mm, 16.3 to 28.4 mm, 21.3-35.1 mm, 27.4 - 45.7 mm, 33.3 - 53.3 mm, 45.7-69.8 mm
Cable Shielding: Concentric Neutral (CN)
Cable Type: Compact/Solid, Stranded
Case Quantity: 1
Conductor Sizes (Imperial): 1 AWG, 1/0 AWG, 1000 kcmil, 1250 kcmil, 1500 kcmil, 1750 kcmil, 2 AWG, 2/0 AWG, 2000 kcmil, 250 kcmil, 3 AWG, 3/0 AWG, 300 kcmil, 350 kcmil, 4 AWG, 4/0 AWG, 400 kcmil, 500 kcmil, 600 kcmil, 700 kcmil, 750 kcmil, 800 kcmil, 900 kcmil
Indoor/Outdoor: Outdoor, Outdoor Skirted
Insulation Level: 100%, 133%
Insulation Material: Silicone Rubber
Insulation Outer Diameter (Imperial): 0.64 in, 0.65 in, 0.66 in, 0.67 in, 0.68 in, 0.69 in, 0.7 in, 0.71 in, 0.72 in, 0.73 in, 0.74 in, 0.75 in, 0.76 in, 0.77 in, 0.78 in, 0.79 in, 0.8 in, 0.81 in, 0.82 in, 0.83 in, 0.84 in, 0.85 in, 0.86 in, 0.87 in, 0.88 in, 0.89 in, 0.9 in, 0.91 in, 0.92 in, 0.93 in, 0.94 in, 0.95 in, 0.96 in, 0.97 in, 0.98 in, 0.99 in, 1 in, 1.01 in, 1.02 in, 1.03 in, 1.04 in, 1.05 in, 1.06 in, 1.07 in, 1.08 in, 1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in, 1.16 in, 1.17 in, 1.18 in, 1.19 in, 1.2 in, 1.21 in, 1.22 in, 1.23 in, 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in, 1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in, 1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in, 1.49 in, 1.5 in, 1.51 in, 1.52 in, 1.53 in, 1.54 in, 1.55 in, 1.56 in, 1.57 in, 1.58 in, 1.59 in, 1.6 in, 1.61 in, 1.62 in, 1.63 in, 1.64 in, 1.65 in, 1.66 in, 1.67 in, 1.68 in, 1.69 in, 1.7 in, 1.71 in, 1.72 in, 1.73 in, 1.74 in, 1.75 in, 1.76 in, 1.77 in, 1.78 in, 1.79 in, 1.8 in, 1.81 in, 1.82 in, 1.83 in, 1.84 in, 1.85 in, 1.86 in, 1.87 in, 1.88 in, 1.89 in, 1.9 in, 1.91 in, 1.92 in, 1.93 in, 1.94 in, 1.95 in, 1.96 in, 1.97 in, 1.98 in, 1.99 in, 2 in, 2.01 in, 2.02 in, 2.03 in, 2.04 in, 2.05 in, 2.06 in, 2.07 in, 2.08 in, 2.09 in, 2.1 in, 2.11 in, 2.12 in, 2.13 in, 2.14 in, 2.15 in, 2.16 in, 2.17 in, 2.18 in,

2.19 in, 2.2 in, 2.21 in, 2.22 in, 2.23 in, 2.24 in, 2.25 in, 2.26 in, 2.27 in, 2.28 in, 2.29 in, 2.3 in, 2.31 in, 2.32 in, 2.33 in, 2.34 in, 2.35 in, 2.36 in, 2.37 in, 2.38 in, 2.39 in, 2.4 in, 2.41 in, 2.42 in, 2.43 in, 2.44 in, 2.45 in, 2.46 in, 2.47 in, 2.48 in, 2.49 in, 2.5 in, 2.51 in, 2.52 in, 2.53 in, 2.54 in, 2.55 in, 2.56 in, 2.57 in, 2.58 in, 2.59 in, 2.6 in, 2.61 in, 2.62 in, 2.63 in, 2.64 in, 2.65 in, 2.66 in, 2.67 in, 2.68 in, 2.69 in, 2.7 in, 2.71 in, 2.72 in, 2.73 in, 2.74 in, 2.75 in

Insulation Outer Diameter (Metric): 16.256 mm, 16.51 mm, 16.764 mm, 17.018 mm, 17.272 mm, 17.526 mm, 17.78 mm, 18.034 mm, 18.288 mm, 18.542 mm, 18.796 mm, 19.05 mm, 19.304 mm, 19.558 mm, 19.812 mm, 20.066 mm, 20.32 mm, 20.574 mm, 20.828 mm, 21.082 mm, 21.336 mm, 21.59 mm, 21.844 mm, 22.098 mm, 22.352 mm, 22.606 mm, 22.86 mm, 23.114 mm, 23.368 mm, 23.622 mm, 23.876 mm, 24.13 mm, 24.384 mm, 24.638 mm, 24.892 mm, 25.146 mm, 25.4 mm, 25.654 mm, 25.908 mm, 26.162 mm, 26.416 mm, 26.67 mm, 26.924 mm, 27.178 mm, 27.432 mm, 27.686 mm, 27.94 mm, 28.194 mm, 28.448 mm, 28.702 mm, 28.956 mm, 29.21 mm, 29.464 mm, 29.718 mm, 29.972 mm, 30.226 mm, 30.48 mm, 30.734 mm, 30.988 mm, 31.242 mm, 31.496 mm, 31.75 mm, 32.004 mm, 32.258 mm, 32.512 mm, 32.766 mm, 33.02 mm, 33.274 mm, 33.528 mm, 33.782 mm, 34.036 mm, 34.29 mm, 34.544 mm, 34.798 mm, 35.052 mm, 35.306 mm, 35.56 mm, 35.814 mm, 36.068 mm, 36.322 mm, 36.576 mm, 36.83 mm, 37.084 mm, 37.338 mm, 37.592 mm, 37.846 mm, 38.1 mm, 38.354 mm, 38.608 mm, 38.862 mm, 39.116 mm, 39.37 mm, 39.624 mm, 39.878 mm, 40.132 mm, 40.386 mm, 40.64 mm, 40.894 mm, 41.148 mm, 41.402 mm, 41.656 mm, 41.91 mm, 42.164 mm, 42.418 mm, 42.672 mm, 42.926 mm, 43.18 mm, 43.434 mm, 43.688 mm, 43.942 mm, 44.196 mm, 44.45 mm, 44.704 mm, 44.958 mm, 45.212 mm, 45.466 mm, 45.72 mm, 45.974 mm, 46.228 mm, 46.482 mm, 46.736 mm, 46.99 mm, 47.244 mm, 47.498 mm, 47.752 mm, 48.006 mm, 48.26 mm, 48.514 mm, 48.768 mm, 49.022 mm, 49.276 mm, 49.53 mm, 49.784 mm, 50.038 mm, 50.292 mm, 50.546 mm, 50.8 mm, 51.054 mm, 51.308 mm, 51.562 mm, 51.816 mm, 52.07 mm, 52.324 mm, 52.578 mm, 52.832 mm, 53.086 mm, 53.34 mm, 53.594 mm, 53.848 mm, 54.102 mm, 54.356 mm, 54.61 mm, 54.864 mm, 55.118 mm, 55.372 mm, 55.626 mm, 55.88 mm, 56.134 mm, 56.388 mm, 56.642 mm, 56.896 mm, 57.15 mm, 57.404 mm, 57.658 mm, 57.912 mm, 58.166 mm, 58.42 mm, 58.674 mm, 58.928 mm, 59.182 mm, 59.436 mm, 59.69 mm, 59.944 mm, 60.198 mm, 60.452 mm, 60.706 mm, 60.96 mm, 61.214 mm, 61.468 mm, 61.722 mm, 61.976 mm, 62.23 mm, 62.484 mm, 62.738 mm, 62.992 mm, 63.246 mm, 63.5 mm, 63.754 mm, 64.008 mm, 64.262 mm, 64.516 mm, 64.77 mm, 65.024 mm, 65.278 mm, 65.532 mm, 65.786 mm, 66.04 mm, 66.294 mm, 66.548 mm, 66.802 mm, 67.056 mm, 67.31 mm, 67.564 mm, 67.818 mm, 68.072 mm, 68.326 mm, 68.58 mm, 68.834 mm, 69.088 mm, 69.342 mm, 69.596 mm, 69.85 mm

Insulation Rejacketing: No

Lug/Stem Connector Included in Kit: No, Yes

Maximum Installed Length: 11.50 in, 13.25 in, 16.00 in, 18.00 in, 18.25 in, 19.50 in, 8.50 in, 9.50 in

Maximum Installed Length (Metric): 216 mm, 40.64 cm, 45.72 cm, 46.36 cm

Number of Conductors: 1

Number of Skirts: 4 , 6 , 8

Product Series: 5600, 5680

Termination Type: Single Termination

Type: Cold Shrink QT-II

Voltage: 15 kV, 25 kV, 25/28 kV, 25/5 kV, 35 kV, 5 kV, 8 kV

eClass 14 Classification Group: 27400102

3M™ Cold Shrink QS-III Inline Shielded Cable Splice Kits 5524A, 5525A and 5526A

Details

Inline splice for joining tape shield, wire shield, UniShield® or longitudinally corrugated shielded power cables

Special electrode design of the kit reduces the electrical stress at a critical cable/splice interface

Designed for inline splicing, feeder and distribution circuits, size transition splicing, direct burial installations and submerged locations

Silicon rubber-splice body provides good high and low temperature performance, and the EPDM rubber jacket offers physical protection

Rated for 25/28 kV cables

High-voltage, production-tested for partial discharge and AC ensure reliability

Typical properties

Cable Shielding: Longitudinally Corrugated (LC), Tape Shield, UniShield®, Wire Shield

Conductor Material: Aluminum, Copper, Copper/Aluminum

Conductor Sizes (Imperial): 1000 kcmil, 2/0 AWG, 250 kcmil, 350 kcmil, 4/0 AWG, 500 kcmil, 750 kcmil

Insulation Level: 1.33, 100%, 133%

Insulation Outer Diameter (Imperial): 0.84 in, 0.85 in, 0.86 in, 0.87 in, 0.88 in, 0.89 in, 0.894 in, 0.9 in, 0.91 in, 0.92 in, 0.93 in, 0.94 in, 0.95 in, 0.96 in, 0.97 in, 0.98 in, 0.99 in, 1 in, 1.01 in, 1.02 in, 1.03 in, 1.04 in, 1.05 in, 1.06 in, 1.07 in, 1.08 in, 1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in, 1.16 in, 1.17 in, 1.18 in, 1.19 in, 1.2 in, 1.21 in, 1.22 in, 1.23 in, 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in, 1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in, 1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in, 1.49 in, 1.5 in, 1.51 in, 1.52 in, 1.53 in, 1.54 in, 1.55 in, 1.56 in, 1.57 in, 1.58 in, 1.59 in, 1.6 in, 1.61 in, 1.62 in, 1.63 in, 1.64 in, 1.65 in, 1.66 in, 1.67 in, 1.68 in, 1.69 in, 1.7 in, 1.71 in, 1.72 in, 1.73 in, 1.74 in, 1.75 in, 1.76 in, 1.77 in, 1.78 in, 1.79 in, 1.8 in, 1.81 in, 1.82 in, 1.83 in, 1.84 in, 1.85 in, 1.86 in, 1.87 in, 1.88 in, 1.89 in, 1.9 in, 1.91 in, 1.92 in, 1.93 in, 1.94 in, 1.95 in, 1.96 in, 1.97 in, 1.98 in, 1.99 in, 2 in, 2.01 in, 2.02 in, 2.03 in, 2.04 in, 2.05 in, 2.06 in, 2.07 in

Insulation Outer Diameter (Metric): 27.2 mm, 31.5 mm

Maximum Conductor Size (Imperial): 1579 kcmil, 750 kcmil

Maximum Conductor Size (Metric): 400 mm², 800 mm²

Minimum Conductor Size (Imperial): 1000 kcmil, 500 kcmil

Minimum Conductor Size (Metric): 240 mm², 500 mm²

Number of Conductors: 1

Splice Type: Cold Shrink

Voltage: 25/28 kV

eClass 14 Classification Group: 27400107

3M™ LBC Series Industrial Loadbreak Elbow Connectors

3M ID B5005045090

Details

Transitions from cable to the loadbreak probe
Ideal for use with 3M™ 5810 Series and 5811 Series Industrial Loadbreak Elbows

Typical properties

Brands: 3M™
Component Type: Connector
Current Rating: 200.0 A
Product Type: Accessory
eClass 14 Classification Group: 27440308

3M™ Scotchlok™ Heat Shrink Brazed Seam Ring Tongues

Details

Brazed-seam terminal uses yellow pre-insulated, heat shrink tubing and ensures a secure fit while offering reliable performance

When crimped and shrunk, pre-insulated adhesive-lined polyolefin offers seal resistance to water and salt

Standard-style ring tongue fits around the stud

Made of electrolytic copper for good conductivity and has tin plating for corrosion resistance

Withstands a maximum temperature of 221 degrees F (105 degrees C)

600V-rated for building wire and 1000V for signs, fixtures or luminaires

Typical properties

Connection Type: Crimp

Connection Width (Imperial): 0.138 in, 0.164 in, 0.19 in, 0.25 in, 0.315 in, 0.375 in

Connection Width (Metric): 3.5 mm, 4.166 mm, 4.826 mm, 6.35 mm, 8 mm, 9.525 mm

Insulation Material: Heat Shrink

Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG

Maximum Conductor Size (Metric): 0.823 mm², 2.08 mm², 5.26 mm²

Maximum Operating Temperature (Celsius): 105 °C

Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 22 AWG

Minimum Conductor Size (Metric): 0.326 mm², 1.31 mm², 126.7 mm², 3.31 mm²

Product Color: Blue, Red, Yellow

Terminal Type: Ring

Dimensions and Classifications

Overall Length (Imperial): 1 in, 1.1 in, 1.2 in

Overall Length (Metric): 25.4 mm, 27.94 mm, 30.48 mm

Overall Width (Imperial): 0.31 in, 0.38 in, 0.47 in, 0.56 in, 0.59 in

Overall Width (Metric): 7.87 mm, 9.65 mm, 11.93 mm, 14.22 mm, 14.98 mm

3M™ Cold Shrink QT-III Termination Kit 7600-T-3-RJS Series for 5-35 kV

Details

Provides a void-free seal to tape shield, wire shield and UniShield® power cables
High dielectric-constant material regulates the distribution of electric field stress
Suitable for indoor applications and cabinet-mount installations
Integrated design allows for easier installation, while sealing compounds provide constant radial pressure

Typical properties

Application: Cable Connection, Cable Termination

BIL: 110 kV, 125 kV, 150 kV, 95 kV

Brands: 3M™

Breakout Boot: No

Cable Insulation Outside Diameter Range: 0.33-0.50 in, 0.50-0.70 in, 0.70-0.92 in, 0.92-1.18 in, 1.18-1.52 in, 1.53-1.81 in

Cable Insulation Outside Diameter Range (Metric): 12.7-17.8 mm, 17.8-23.4 mm, 23.4-30.0 mm, 30.0-38.6 mm, 38.8-46.0mm, 8.4-12.7 mm

Cable Minimum Outside Diameter: 0.66 in

Cable Minimum Outside Diameter (Metric): 16.8 mm

Cable Shielding: Tape Shield, UniShield®, Wire Shield, Wire-Over-Tape Shield

Cable Type: MV-105, MV-90

Case Quantity: 1

Conductor Material: Aluminum, Copper

Conductor Sizes (Imperial): 1 AWG, 1/0 AWG, 1000 kcmil, 1500 kcmil, 2 AWG, 2/0 AWG, 250 kcmil, 3/0 AWG, 300 kcmil, 350 kcmil, 4 AWG, 4/0 AWG, 400 kcmil, 500 kcmil, 6 AWG, 600 kcmil, 700 kcmil, 750 kcmil, 8 AWG, 800 kcmil, 900 kcmil

Connector Included: None

Connector Maximum Installed Length: 4.80 in

Connector Maximum Installed Length (Metric): 122 mm

Connector Maximum Outside Diameter: 1.90 in

Connector Maximum Outside Diameter (Metric): 48.3 mm

Indoor/Outdoor: Indoor Non-skirted

Insulation Level: 100%, 133%

Insulation Outer Diameter (Imperial): 0.33 in, 0.34 in, 0.35 in, 0.36 in, 0.37 in,

0.38 in, 0.39 in, 0.4 in, 0.41 in, 0.42 in, 0.43 in, 0.44 in, 0.45 in, 0.46 in, 0.47 in, 0.48 in, 0.49 in, 0.5 in, 0.51 in, 0.52 in, 0.53 in, 0.54 in, 0.55 in, 0.56 in, 0.57 in, 0.58 in, 0.59 in, 0.6 in, 0.61 in, 0.62 in, 0.63 in, 0.64 in, 0.65 in, 0.66 in, 0.67 in, 0.68 in, 0.69 in, 0.7 in, 0.71 in, 0.72 in, 0.73 in, 0.74 in, 0.75 in, 0.76 in, 0.77 in, 0.78 in, 0.79 in, 0.8 in, 0.81 in, 0.82 in, 0.83 in, 0.84 in, 0.85 in, 0.86 in, 0.87 in, 0.88 in, 0.89 in, 0.9 in, 0.91 in, 0.92 in, 0.93 in, 0.94 in, 0.95 in, 0.96 in, 0.97 in, 0.98 in, 0.99 in, 1 in, 1.01 in, 1.02 in, 1.03 in, 1.04 in, 1.05 in, 1.06 in, 1.07 in, 1.08 in, 1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in, 1.16 in, 1.17 in, 1.18 in, 1.19 in, 1.2 in, 1.21 in, 1.22 in, 1.23 in, 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in, 1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in, 1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in, 1.49 in, 1.5 in, 1.51 in, 1.52 in, 1.53 in, 1.54 in, 1.55 in, 1.56 in, 1.57 in,

1.58 in, 1.59 in, 1.6 in, 1.61 in, 1.62 in, 1.63 in, 1.64 in, 1.65 in, 1.66 in, 1.67 in, 1.68 in, 1.69 in, 1.7 in, 1.71 in, 1.72 in, 1.73 in, 1.74 in, 1.75 in, 1.76 in, 1.77 in, 1.78 in, 1.79 in, 1.8 in, 1.81 in

Insulation Outer Diameter (Metric): 8.382 mm, 8.636 mm, 8.89 mm, 9.144 mm, 9.398 mm, 9.652 mm, 9.906 mm, 10.16 mm, 10.414 mm, 10.668 mm, 10.922 mm, 11.176 mm, 11.43 mm, 11.684 mm, 11.938 mm, 12.192 mm, 12.446 mm, 12.7 mm, 12.954 mm, 13.208 mm, 13.462 mm, 13.716 mm, 13.97 mm, 14.224 mm, 14.478 mm, 14.732 mm, 14.986 mm, 15.24 mm, 15.494 mm, 15.748 mm, 16.002 mm, 16.256 mm, 16.51 mm, 16.764 mm, 17.018 mm, 17.272 mm, 17.526 mm, 17.78 mm, 18.034 mm, 18.288 mm, 18.542 mm, 18.796 mm, 19.05 mm, 19.304 mm, 19.558 mm, 19.812 mm, 20.066 mm, 20.32 mm, 20.574 mm, 20.828 mm, 21.082 mm, 21.336 mm, 21.59 mm, 21.844 mm, 22.098 mm, 22.352 mm, 22.606 mm, 22.86 mm, 23.114 mm, 23.368 mm, 23.622 mm, 23.876 mm, 24.13 mm, 24.384 mm, 24.638 mm, 24.892 mm, 25.146 mm, 25.4 mm, 25.654 mm, 25.908 mm, 26.162 mm, 26.416 mm, 26.67 mm, 26.924 mm, 27.178 mm, 27.432 mm, 27.686 mm, 27.94 mm, 28.194 mm, 28.448 mm, 28.702 mm, 28.956 mm, 29.21 mm, 29.464 mm, 29.718 mm, 29.972 mm, 30.226 mm, 30.48 mm, 30.734 mm, 30.988 mm, 31.242 mm, 31.496 mm, 31.75 mm, 32.004 mm, 32.258 mm, 32.512 mm, 32.766 mm, 33.02 mm, 33.274 mm, 33.528 mm, 33.782 mm, 34.036 mm, 34.29 mm, 34.544 mm, 34.798 mm, 35.052 mm, 35.306 mm, 35.56 mm, 35.814 mm, 36.068 mm, 36.322 mm, 36.576 mm, 36.83 mm, 37.084 mm, 37.338 mm, 37.592 mm, 37.846 mm, 38.1 mm, 38.354 mm, 38.608 mm, 38.862 mm, 39.116 mm, 39.37 mm, 39.624 mm, 39.878 mm, 40.132 mm, 40.386 mm, 40.64 mm, 40.894 mm, 41.148 mm, 41.402 mm, 41.656 mm, 41.91 mm, 42.164 mm, 42.418 mm, 42.672 mm, 42.926 mm, 43.18 mm, 43.434 mm, 43.688 mm, 43.942 mm, 44.196 mm, 44.45 mm, 44.704 mm, 44.958 mm, 45.212 mm, 45.466 mm, 45.72 mm, 45.974 mm

Insulation Outside Diameter Range: 0.84 - 1.36 Inch, 1.24 - 2.07 Inch

Insulation Outside Diameter Range (Metric): 21.3 - 34.5 mm, 31.5 - 52.6 mm

Insulation Rejacketing: Yes

Lug/Stem Connector Included in Kit: No

Maximum Conductor Size (Imperial): 1000 kcmil, 250 kcmil

Maximum Conductor Size (Metric): 120 mm², 500 mm²

Maximum Installed Length: 10.50 in, 12.00 in, 16.00 in, 8.50 in, Termination only (not including RJS sleeving or Break-out boot: 21.5")

Maximum Installed Length (Metric): Termination only (not including RJS sleeving or Break-out boot: 546mm)

Minimum Conductor Size (Imperial): 1/0 AWG, 500 kcmil

Minimum Conductor Size (Metric): 240 mm², 50 mm²

Number of Conductors: 3

Product Series: 3-RJS, 7600 RJS, 7600-T-RJS

Product Type: Splice

Splice Type: Inline

Typical Splice Length: 30 in, 35 in

Typical Splice Length (Metric): 762 mm, 889 mm

Units per Case: 1.0

Voltage: 15 kV, 20 kV, 25 kV, 35 kV, 5 kV, 8 kV

Voltage Application: Medium Voltage

eClass 14 Classification Group: 27400102

3M™ Cold Shrink QS-III Inline Shielded Cable Splice Kits 5513A, 5514A, 5515A and 5516A Series

Details

Inline splice for joining tape shield, wire shield, UniShield® or longitudinally corrugated shielded power cables

Special electrode design of the kit reduces the electrical stress at a critical cable/splice interface

Designed for feeder and distribution circuits, it transitions from shielded to neutral power cables and fits type MV-90 cables

Silicon rubber-splice body provides good high and low temperature performance, and the EPDM rubber jacket offers physical protection

Rated for 15 kV class cables

Factory-tested partial discharge and AC ensure reliability

Typical properties

Application: Cable Connection

Cable Shielding: Longitudinally Corrugated (LC), Tape Shield, UniShield®, Wire Shield

Conductor Material: Aluminum, Copper

Conductor Sizes (Imperial): 1 AWG, 1/0 AWG, 1000 kcmil, 2 AWG, 2/0 AWG, 250 kcmil, 3/0 AWG, 350 kcmil, 4/0 AWG, 500 kcmil, 750 kcmil

Insulation Level: 1.33, 100%, 133%

Insulation Outer Diameter (Imperial): 0.64 in, 0.65 in, 0.66 in, 0.67 in, 0.68 in, 0.69 in, 0.7 in, 0.71 in, 0.72 in, 0.73 in, 0.74 in, 0.75 in, 0.76 in, 0.77 in, 0.78 in, 0.79 in, 0.8 in, 0.81 in, 0.82 in, 0.83 in, 0.84 in, 0.85 in, 0.86 in, 0.87 in, 0.88 in, 0.89 in, 0.9 in, 0.91 in, 0.92 in, 0.93 in, 0.94 in, 0.95 in, 0.96 in, 0.97 in, 0.98 in, 0.99 in, 1 in, 1.01 in, 1.02 in, 1.03 in, 1.04 in, 1.05 in, 1.06 in, 1.07 in, 1.08 in, 1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in, 1.16 in, 1.17 in, 1.18 in, 1.19 in, 1.2 in, 1.21 in, 1.22 in, 1.23 in, 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in, 1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in, 1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in, 1.49 in, 1.5 in, 1.51 in, 1.52 in, 1.53 in, 1.54 in, 1.55 in, 1.56 in, 1.57 in, 1.58 in, 1.59 in, 1.6 in, 1.61 in, 1.62 in, 1.63 in, 1.64 in, 1.65 in, 1.66 in, 1.67 in, 1.68 in, 1.69 in, 1.7 in

Insulation Outside Diameter Range: 0.64 - 1.01 Inch, 0.84 - 1.38 Inch, 1.04 - 1.70 Inch, 1.07 - 1.70 Inch

Insulation Outside Diameter Range (Metric): 16.3 - 25.7 mm, 21.3 - 35.1 mm, 26.4 - 43.2 mm, 27.2 - 43.2 mm

Number of Conductors: 1

Product Color: Black

Product Series: 5513A, 5514A, 5515A, 5516A, 5610A

Splice Type: Cold Shrink

Voltage: 15 kV

eClass 14 Classification Group: 27400107

3M™ Cold Shrink QT-III Termination Kits 7673 S Series

Details

High dielectric-constant material regulates the distribution of electric field stress
Suitable for outdoor applications
Silicone rubber insulation offers durability and reduces leakage currents in damp conditions
Meets requirements of IEEE Standard 48 Class 1 for outdoor, weather-exposed applications

Typical properties

Brands: 3M™
Breakout Boot: No
Cable Shielding: Concentric Neutral (CN), Jacketed Concentric Neutral (JCN), Longitudinally Corrugated (LC), Tape Over Wire, Wire-Over-Tape Shield
Conductor Sizes (Imperial): 1000 kcmil, 1250 kcmil, 1500 kcmil, 350 kcmil, 400 kcmil, 500 kcmil, 600 kcmil, 700 kcmil, 750 kcmil, 800 kcmil, 900 kcmil
Indoor/Outdoor: Outdoor Skirted
Insulation Material: Silicone Rubber
Insulation Outside Diameter Range: 2.79-3.45 in
Insulation Outside Diameter Range (Metric): 70.9 - 87.6 mm
Insulation Rejacketing: No
Material: Silicone Rubber
Number of Conductors: 1
Number of Skirts: 1 , 8
Product Color: Black
Product Series: 7673-S
Product Type: Termination Kit
Splice Type: Cold Shrink
Voltage: 325 kV, 350 kV, 69 kV, 69 kV - 72.5 kV, 72.5 kV
eClass 14 Classification Group: 27400102

Scotch™ Bundling Straps RF3710, 0.5 in x 8 in, (12,7 mm x 20,3 cm) Black

3M ID 70006911534 UPC 00051131868076

Details

Use for household, garden and garage organization
Great for securing and holding bulky items
Ideal for organizing like items together
Self-fastening, adjustable design for a versatile hold
Holds bulky items together
Reuse again and again
Quick, convenient organization
Intended for indoor use
Size: 1/2 in. x 8 in
Color: Black

Typical properties

Brands: Scotch™
Factory ISO Certification: No ISO Certification information available
Good For Outdoors: No
Indoor/Outdoor: Indoor
Package Contents: 6 Straps/Pack
Product Color: Black
Tensile Strength (Imperial): 175 lbs
Weight Capacity: N/A
eClass 14 Classification Group: 27140702

Dimensions and Classifications

Overall Length (Imperial): 8 in
Overall Width (Imperial): 0.5 in

3M™ Deadbreak Equipment Connection Kit

Details

Meets IEEE Standard 386 and IEEE Standard 592
Capacitive test-point
Fully shielded, deadfront connection
Cold shrink jacket seal with integrated bleeder and ground wire
Suitable for submerged locations
Disconnectable, bolted connection

Typical properties

Brands: 3M™
Current Rating: 600.0 A
Maximum Operating Voltage: 33 kV, 35 kV
Voltage: 15 kV, 25 kV
eClass 14 Classification Group: 27440308

3M™ Cold Shrink QS4s Integrated Short Splice Kit 35SP Series

Details

Cold Shrink Design — for quick and easy installation; excellent for cable size transitions

Complete Kit — includes the required products to make one splice

Silicone Rubber Construction — for good high and low temperature performance

Production Tested — partial discharge and A.C. withstand tests to provide reliability

Computer Aided Design — for compact size and optimal distribution of electrical field

Special Electrode Design — minimizes electrical stress at critical cable/splice interface

Smooth Edge Neutral Extension Sock — virtually no frayed edges

Integrated Ground — standard joint includes braid for easy connection to ground

Typical properties

Conductor Sizes (Imperial): 1/0 AWG, 1000 kcmil, 2/0 AWG, 250 kcmil, 3/0 AWG, 300 kcmil, 350 kcmil, 4/0 AWG, 400 kcmil, 500 kcmil, 600 kcmil, 750 kcmil
eClass 14 Classification Group: 27400107

3M™ SJ Cold Shrink Foldback Splice Jacket Kits

Details

1-piece design for quick installation
Resists fungus, acids and alkalis
Suitable for use on direct burial, aerial and submersible applications
Cold shrink jacket made of EPDM rubber provides moisture resistance and durability
Includes Cold Shrink sealing sleeve and Scotch 2228 rubber mastic tape
Water resistant - meets the water seal requirements of ANSI C119.1

Typical properties

Application: Cable Connection
Cable Shielding: Jacketed Concentric Neutral (JCN)
Cable Type: Concentric Neutral (CN), Jacketed Concentric Neutral (JCN)
Conductor Material: Aluminum, Copper
Conductor Sizes (Imperial): 1 AWG, 2/0 AWG, 3/0 AWG, 4 AWG
Conductor Sizes (Metric): 25 mm², 50 mm², 70 mm², 95 mm²
Connector Included: None
Dielectric Strength (V/mil): 490 V/mil
Elongation: 635 %
For Use With: 3M™ 5400 Series Cold Shrink Splices
Insulation Outer Diameter (Imperial): 0.95 in, 0.96 in, 0.97 in, 0.98 in, 0.99 in, 1 in, 1.01 in, 1.02 in, 1.03 in, 1.04 in, 1.05 in, 1.06 in, 1.07 in, 1.08 in, 1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in, 1.16 in, 1.17 in, 1.18 in, 1.19 in, 1.2 in, 1.21 in, 1.22 in, 1.23 in, 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in, 1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in, 1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in, 1.49 in, 1.5 in, 1.51 in, 1.52 in, 1.53 in, 1.54 in, 1.55 in, 1.56 in, 1.57 in, 1.58 in, 1.59 in, 1.6 in, 1.61 in, 1.62 in, 1.63 in, 1.64 in, 1.65 in, 1.66 in, 1.67 in, 1.68 in, 1.69 in, 1.7 in, 1.71 in, 1.72 in, 1.73 in, 1.74 in, 1.75 in, 1.76 in, 1.77 in, 1.78 in, 1.79 in, 1.8 in, 1.81 in, 1.82 in, 1.83 in, 1.84 in, 1.85 in, 1.86 in, 1.87 in, 1.88 in, 1.89 in, 1.9 in, 1.91 in, 1.92 in, 1.93 in, 1.94 in, 1.95 in, 1.96 in, 1.97 in, 1.98 in, 1.99 in, 2 in, 2.01 in, 2.02 in, 2.03 in, 2.04 in, 2.05 in, 2.06 in, 2.07 in, 2.08 in, 2.09 in, 2.1 in, 2.11 in, 2.12 in, 2.13 in, 2.14 in, 2.15 in, 2.16 in, 2.17 in, 2.18 in, 2.19 in, 2.2 in, 2.21 in, 2.22 in, 2.23 in, 2.24 in, 2.25 in, 2.26 in, 2.27 in, 2.28 in, 2.29 in, 2.3 in, 2.31 in, 2.32 in, 2.33 in, 2.34 in, 2.35 in, 2.36 in, 2.37 in, 2.38 in, 2.39 in, 2.4 in, 2.41 in, 2.42 in, 2.43 in, 2.44 in, 2.45 in, 2.46 in, 2.47 in, 2.48 in, 2.49 in, 2.5 in, 2.51 in, 2.52 in, 2.53 in, 2.54 in, 2.55 in, 2.56 in, 2.57 in, 2.58 in, 2.59 in, 2.6 in, 2.61 in, 2.62 in, 2.63 in, 2.64 in, 2.65 in, 2.66 in, 2.67 in, 2.68 in, 2.69 in, 2.7 in, 2.71 in, 2.72 in, 2.73 in, 2.74 in, 2.75 in, 2.76 in, 2.77 in, 2.78 in, 2.79 in, 2.8 in, 2.81 in, 2.82 in, 2.83 in, 2.84 in, 2.85 in, 2.86 in, 2.87 in, 2.88 in, 2.89 in, 2.9 in, 2.91 in, 2.92 in, 2.93 in, 2.94 in, 2.95 in, 2.96 in, 2.97 in, 2.98 in, 2.99 in, 3 in, 3.01 in, 3.02 in, 3.03 in, 3.04 in, 3.05 in, 3.06 in, 3.07 in, 3.08 in, 3.09 in, 3.1 in, 3.11 in, 3.12 in, 3.13 in, 3.14 in, 3.15 in, 3.16 in, 3.17 in, 3.18 in, 3.19 in, 3.2 in, 3.21 in, 3.22 in, 3.23 in, 3.24 in, 3.25 in, 3.26 in, 3.27 in, 3.28 in, 3.29 in, 3.3 in, 3.31 in, 3.32 in, 3.33 in, 3.34 in, 3.35 in, 3.36 in, 3.37 in, 3.38 in, 3.39 in, 3.4 in, 3.41 in, 3.42 in, 3.43 in, 3.44 in, 3.45 in, 3.46 in, 3.47 in, 3.48 in, 3.49 in, 3.5 in, 3.51 in, 3.52 in, 3.53 in, 3.54 in, 3.55 in, 3.56 in, 3.57 in, 3.58 in, 3.59 in, 3.6 in,

3.61 in, 3.62 in, 3.63 in, 3.64 in, 3.65 in, 3.66 in, 3.67 in, 3.68 in, 3.69 in, 3.7 in, 3.71 in, 3.72 in, 3.73 in, 3.74 in, 3.75 in, 3.76 in, 3.77 in, 3.78 in, 3.79 in, 3.8 in, 3.81 in, 3.82 in, 3.83 in, 3.84 in, 3.85 in, 3.86 in, 3.87 in, 3.88 in, 3.89 in, 3.9 in, 3.91 in, 3.92 in, 3.93 in, 3.94 in, 3.95 in, 3.96 in, 3.97 in, 3.98 in, 3.99 in, 4 in
Insulation Outer Diameter (Metric): 24.13 mm, 24.384 mm, 24.638 mm, 24.892 mm, 25.146 mm, 25.4 mm, 25.654 mm, 25.908 mm, 26.162 mm, 26.416 mm, 26.67 mm, 26.924 mm, 27.178 mm, 27.432 mm, 27.686 mm, 27.94 mm, 28.194 mm, 28.448 mm, 28.702 mm, 28.956 mm, 29.21 mm, 29.464 mm, 29.718 mm, 29.972 mm, 30.226 mm, 30.48 mm, 30.734 mm, 30.988 mm, 31.242 mm, 31.496 mm, 31.75 mm, 32.004 mm, 32.258 mm, 32.512 mm, 32.766 mm, 33.02 mm, 33.274 mm, 33.528 mm, 33.782 mm, 34.036 mm, 34.29 mm, 34.544 mm, 34.798 mm, 35.052 mm, 35.306 mm, 35.56 mm, 35.814 mm, 36.068 mm, 36.322 mm, 36.576 mm, 36.83 mm, 37.084 mm, 37.338 mm, 37.592 mm, 37.846 mm, 38.1 mm, 38.354 mm, 38.608 mm, 38.862 mm, 39.116 mm, 39.37 mm, 39.624 mm, 39.878 mm, 40.132 mm, 40.386 mm, 40.64 mm, 40.894 mm, 41.148 mm, 41.402 mm, 41.656 mm, 41.91 mm, 42.164 mm, 42.418 mm, 42.672 mm, 42.926 mm, 43.18 mm, 43.434 mm, 43.688 mm, 43.942 mm, 44.196 mm, 44.45 mm, 44.704 mm, 44.958 mm, 45.212 mm, 45.466 mm, 45.72 mm, 45.974 mm, 46.228 mm, 46.482 mm, 46.736 mm, 46.99 mm, 47.244 mm, 47.498 mm, 47.752 mm, 48.006 mm, 48.26 mm, 48.514 mm, 48.768 mm, 49.022 mm, 49.276 mm, 49.53 mm, 49.784 mm, 50.038 mm, 50.292 mm, 50.546 mm, 50.8 mm, 51.054 mm, 51.308 mm, 51.562 mm, 51.816 mm, 52.07 mm, 52.324 mm, 52.578 mm, 52.832 mm, 53.086 mm, 53.34 mm, 53.594 mm, 53.848 mm, 54.102 mm, 54.356 mm, 54.61 mm, 54.864 mm, 55.118 mm, 55.372 mm, 55.626 mm, 55.88 mm, 56.134 mm, 56.388 mm, 56.642 mm, 56.896 mm, 57.15 mm, 57.404 mm, 57.658 mm, 57.912 mm, 58.166 mm, 58.42 mm, 58.674 mm, 58.928 mm, 59.182 mm, 59.436 mm, 59.69 mm, 59.944 mm, 60.198 mm, 60.452 mm, 60.706 mm, 60.96 mm, 61.214 mm, 61.468 mm, 61.722 mm, 61.976 mm, 62.23 mm, 62.484 mm, 62.738 mm, 62.992 mm, 63.246 mm, 63.5 mm, 63.754 mm, 64.008 mm, 64.262 mm, 64.516 mm, 64.77 mm, 65.024 mm, 65.278 mm, 65.532 mm, 65.786 mm, 66.04 mm, 66.294 mm, 66.548 mm, 66.802 mm, 67.056 mm, 67.31 mm, 67.564 mm, 67.818 mm, 68.072 mm, 68.326 mm, 68.58 mm, 68.834 mm, 69.088 mm, 69.342 mm, 69.596 mm, 69.85 mm, 70.104 mm, 70.358 mm, 70.612 mm, 70.866 mm, 71.12 mm, 71.374 mm, 71.628 mm, 71.882 mm, 72.136 mm, 72.39 mm, 72.644 mm, 72.898 mm, 73.152 mm, 73.406 mm, 73.66 mm, 73.914 mm, 74.168 mm, 74.422 mm, 74.676 mm, 74.93 mm, 75.184 mm, 75.438 mm, 75.692 mm, 75.946 mm, 76.2 mm, 76.454 mm, 76.708 mm, 76.962 mm, 77.216 mm, 77.47 mm, 77.724 mm, 77.978 mm, 78.232 mm, 78.486 mm, 78.74 mm, 78.994 mm, 79.248 mm, 79.502 mm, 79.756 mm, 80.01 mm, 80.264 mm, 80.518 mm, 80.772 mm, 81.026 mm, 81.28 mm, 81.534 mm, 81.788 mm, 82.042 mm, 82.296 mm, 82.55 mm, 82.804 mm, 83.058 mm, 83.312 mm, 83.566 mm, 83.82 mm, 84.074 mm, 84.328 mm, 84.582 mm, 84.836 mm, 85.09 mm, 85.344 mm, 85.598 mm, 85.852 mm, 86.106 mm, 86.36 mm, 86.614 mm, 86.868 mm, 87.122 mm, 87.376 mm, 87.63 mm, 87.884 mm, 88.138 mm, 88.392 mm, 88.646 mm, 88.9 mm, 89.154 mm, 89.408 mm, 89.662 mm, 89.916 mm, 90.17 mm, 90.424 mm, 90.678 mm, 90.932 mm, 91.186 mm, 91.44 mm, 91.694 mm, 91.948 mm, 92.202 mm, 92.456 mm, 92.71 mm, 92.964 mm, 93.218 mm, 93.472 mm, 93.726 mm, 93.98 mm, 94.234 mm, 94.488 mm, 94.742 mm, 94.996 mm, 95.25 mm, 95.504 mm, 95.758 mm, 96.012 mm, 96.266 mm, 96.52 mm, 96.774 mm, 97.028 mm, 97.282 mm, 97.536 mm, 97.79 mm, 98.044 mm, 98.298 mm, 98.552 mm, 98.806 mm, 99.06 mm, 99.314 mm, 99.568 mm, 99.822 mm, 100.076 mm, 100.33 mm, 100.584 mm, 100.838 mm, 101.092 mm, 101.346 mm, 101.6 mm

Insulation Outside Diameter Range: 1.04 - 1.70 Inch
Insulation Outside Diameter Range (Metric): 26.4 - 43.2 mm
Maximum Cable Jacket Opening: 34 Inch, 25 Inch, 31 Inch, 32 Inch
Maximum Conductor Size (Imperial): 641 kcmil
Maximum Conductor Size (Metric): 325 mm²
Maximum Splice O.D.: 2.00 Inch, 3.62 Inch, 4.10 Inch, 3.00 Inch
Maximum Splice Outside Diameter: 2 in, 3 in, 3.62 in, 4.1 in
Maximum Splice Outside Diameter (Metric): 50.8 , 104.1
Minimum Cable Jacket O.D.: 0.95 in, 1.15 in, 1.55 in, 1.75 in
Minimum Conductor Size (Imperial): 400 kcmil
Minimum Conductor Size (Metric): 185 mm²
Number of Conductors: 1
Product Color: Black
Splice Type: Inline
Typical Splice Length: 32 in
Typical Splice Length (Metric): 813 mm
Units per Case: 6.0
Voltage: 15 kV, 25/28 kV, 35 kV
Voltage Application: Medium Voltage
eClass 14 Classification Group: 27400107

3M™ Heat Shrink Tubing HDCW

Details

Excellent protection against mechanical stress
Offers excellent corrosion protection on undamaged cables
Rated for 35 kV applications
Made of adhesive-lined, cross-linked polyolefin
Thick-walled sheet is tough and reliable
ANSI Certified and RoHS 2011/65/EU Compliant

Typical properties

Adhesive Lined: Yes
Adhesive Material: Hot melt adhesive layer, Hot-melt adhesive
Application Specifications: Qualified to ANSI C119.1
Brands: 3M™
Cable Type: Any type of cable
Chemical Resistant: Yes
Conductor Sizes (Imperial): 1 AWG, 1/0 AWG, 1000 kcmil, 1250 kcmil, 1500 kcmil, 1750 kcmil, 2 AWG, 2/0 AWG, 2000 kcmil, 250 kcmil, 3/0 AWG, 300 kcmil, 350 kcmil, 4 AWG, 4/0 AWG, 400 kcmil, 500 kcmil, 6 AWG, 600 kcmil, 650 kcmil, 700 kcmil, 750 kcmil, 8 AWG, 800 kcmil, 900 kcmil
Conductor Sizes (Metric): 10 mm², 1013 mm², 185 mm², 456 mm², 500 mm²
Dielectric Strength (V/mil): 14 kV/mm, 15 kV/mm, 16 kV/mm, 17 kV/mm, 18 kV/mm, 19 kV/mm, 21 kV/mm, 22 kV/mm, 23 kV/mm, 24 kV/mm, 25 kV/mm, 26 kV/mm
Elongation: 3 %
Expanded Inner Diameter: 1.97 in, 2.95 in, 3.94 in, 5.2 in, 5.71 in
Expanded Inner Diameter (Metric): 100 mm, 132 mm, 145 mm, 50 mm, 75 mm, 76 mm, 77 mm, 78 mm
Expanded Sleeve Diameter: 1.69 in, 2.68 in, 3.66 in, 4.72 in, 5.75 in
Flame Retardant: No
Halogen Free: Yes
Heat Shrink Type: Heavy-Duty Heat Shrink Tubing, Heat Shrink Molded Shapes
Inner Diameter After Shrink (Imperial): 0.3 in, 0.5 in, 0.9 in, 1 in, 1.3 in
Inner Diameter After Shrink (Metric): 8 mm, 13 mm, 23 mm, 25 mm, 32 mm
Inner Diameter Before Shrink (Imperial): 1.97 in, 2.95 in, 3.94 in, 5.2 in, 5.71 in
Inner Diameter Before Shrink (Metric): 50 mm, 75 mm, 100 mm, 132 mm, 145 mm
Jacket Repair Range: 0.39 to 1.38 Inch, 0.59 to 2.17 Inch, 0.98 to 3.15 Inch, 1.18 to 4.33 Inch, 1.38 to 5.39 Inch, 1.57 to 5.51 Inch
Material: Adhesive-lined, Cross-Linked Polyolefin
Maximum Voltage Rating: 1 kV to 35 kV
Minimum Expanded Tubing I. D.: 1.69 in, 2.68 in, 3.66 in, 4.72 in, 5.75 in
Minimum Shrink Temperature (Celsius): 125 °C
Operating Temperature Range (Celsius): -40 °C to 100 °C
Product Color: Black
Product Form: Sleeve-roll
Product Type: Splice
Recovered Sleeve Diameter: 0.32 in, 0.59 in, 0.98 in, 1.1 in, 1.34 in

Sleeve Length: 9.8 in, 19.7 in, 29.5 in, 39.4 in, 47.2 in
Splice Configuration: Heat Shrink Cable Repair Wrap Sleeve (HDCW)
Splice Type: Heat Shrink
UV Resistant: Yes
Units per Case: 5.0
Voltage: 1 kV, 15 kV, 25/28 kV, 35 kV, 600 V, 660 V, 8 kV
eClass 14 Classification Group: 27400105

Dimensions and Classifications

Overall Length (Imperial): 9.8 in, 19.7 in, 29.5 in, 39.4 in, 47.2 in
Overall Length (Metric): 250 mm, 500 mm, 750 mm, 1000 mm, 1200 mm, 1219 mm

Shearbolt One-Hole Lug QLS Series

3M ID B00014731

Details

Shearbolt design has a friction plate that helps to prevent damage to the electrical conductor while offering enhanced contact force
Accommodates wire size of 2 AWG to 250 kcmil
Made of durable aluminum and has tin plating for corrosion resistance
Offers easy installation without crimp tools
Meets the requirements of ANSI C119.4

3M™ Scotchlok™ Vinyl Insulated Butted Seam Bullet-Style Male Disconnects

Details

This male disconnect terminal offers excellent holding force
Allows for quick and easy disconnect of wires
Mates with 0.156-in wide female tab
Accommodates wire sizes 22 to 18 AWG
Made of durable brass for good conductivity and has corrosion-resistant tin plating
Withstands a temperature range of -40 to 221 degrees F (-40 to 105 degrees C)
Rated 600V for building wire and 1000V for signs, fixtures or luminaires
1000/case

Typical properties

Barrel Style: Butted
Bullet Diameter: 0.180
CSA File Number: LR22190
Connection Width (Imperial): 0.156 in, 0.18 in
Connection Width (Metric): 3.962 mm, 4.572 mm
Disconnect Type: Male
Fastener Orientation: Male
Insulation Material: Vinyl
Mating Snap Diameter (S): 0.18 Inch, 0.156 Inch, 0.180 Inch
Maximum Insulation Outer Diameter (Imperial): 0.15 in, 0.17 in
Pad Width: 0.156 in, 0.18 in
Product Color: Blue
Solution for: Wireless Network: Infrastructure Accessories
Tab Width: 0.250, 0.187
Terminal Style: Bullet Snap Plug
Terminal Type: Bullet, Standard
UL File Number: E70512
Units per Case: 500.0, 1000.0
eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Diameter (Imperial): 0.39 in
Overall Length (Imperial): 0.83 in
Overall Length (Metric): 21 mm

3M™ Cold Shrink 3-Conductor Breakout Kits 3C-BOK Series

Details

Designed to allow the use of 3M™ Single Conductor Cable Accessories on 3-core conductor cables
Engineered for flexibility of medium-voltage applications

Typical properties

Brands: 3M™

Cable Accessory Products: Cable Breakout Boot Kits

Cable Insulation Outside Diameter Range: 0.33-0.50 in, 0.50-0.70 in, 0.70-0.92 in, 0.92-1.18 in, 1.18-1.52 in, 1.53-1.81 in

Cable Insulation Outside Diameter Range (Metric): 12.7-17.8 mm, 17.8-23.4 mm, 23.4-30.0 mm, 30.0-38.6 mm, 38.8-46.0mm, 8.4-12.7 mm

Case Quantity: 1

Maximum Cable Outside Diameter: 2.67 in, 4.32 in, 5.52 in, 4.7 in, 1.94 in, 3.1 in

Maximum Cable Outside Diameter (Metric): 109.7 mm, 119.4 mm, 140.2 mm, 49.3 mm, 67.8 mm, 78.7 mm

Outer Diameter After Shrink (Imperial): 0.33 in, 0.5 in, 0.7 in, 0.92 in, 1.18 in, 1.53 in

Outer Diameter After Shrink (Metric): 8.4 mm, 12.7 mm, 17.8 mm, 23.4 mm, 30 mm, 38.9 mm

Outer Diameter Before Shrink (Imperial): 0.5 in, 0.7 in, 0.92 in, 1.18 in, 1.52 in, 1.81 in

Outer Diameter Before Shrink (Metric): 12.7 mm, 17.8 mm, 23.4 mm, 30 mm, 38.6 mm, 46 mm

Shrink Type: Cold Shrink

Transition Type: 1 - 3 Breakout

eClass 14 Classification Group: 27400109

3M™ SC Stem Connectors

Details

Tin plated aluminum barrel offers reliable performance
Tin-plated copper stem for connection to overhead connections
Rated up to 35 kV
Factory crimped and sealed copper pin
RoHS 2011/65/EU Compliant

Typical properties

Barrel Style: Standard Barrel
Brands: 3M™
Case Quantity: 10
Compatible Conductor Size (Imperial): 1/0 AWG, 2/0 AWG, 3/0 AWG, 4 AWG, 4/0 AWG
Compatible Conductor Size (Metric): 120 mm² (Stranded), 25 mm² (Stranded), 50 mm² (Stranded), 70 mm² (Stranded), 95 mm² (Stranded)
For Use With: Aluminum or Copper Conductors
Indoor/Outdoor: Both
Lug Base Metal: Aluminum
Lug Type: Compression Lugs
Maximum Operating Voltage: 35 Kilovolt
Number of Holes: 0 none
Product Series: SC
Product Type: Stem Connector
Stem Diameter (Imperial): 0.25 Inch, 0.31 Inch
Stem Diameter (Metric): 6.35 mm, 7.874 mm
Stem Length (Imperial): 6 inch
Stem Length (Metric): 152.4 mm
Units per Case: 10.0

Scotch® Grounding Braid 25, 1/2 in x 15 ft, 1 Roll/Case

3M ID 7100011690 UPC 00054007116028

Details

240 strands of #30 AWG is the approximate equivalent to #6 AWG wire
Ideal for grounding shielded power cable and cable accessories
Can be soldered and is compatible with cable oils, common solvents, adhesives and corrosion resistant
Made of copper
RoHS 2011/65/EU Compliant

Typical properties

Application: For Shielding and Bonding
Backing Material: Tinned Copper Wires
Backing Thickness (Metric): 2.38 mm
Brands: Scotch®
Case Quantity: 1 Roll
Compatible With: All Copper Closures, All Fiber Closures
Dielectric Strength (V/mil): Conductive
High Temperature Rating: 266°F (130°C)
Indoor/Outdoor: Outdoor
Insulation: No
Low Temperature Rating: 32°F (0°C)
Material: All-metal Woven Grounding Braid
Operating Temperature Range (Celsius): 0 °C to 130 °C
Operating Temperature Range (Fahrenheit): 32 °F to 266 °F
Product Color: Silver
Product Type: Grounding Braid
Self-extinguishing: No
Self-sticking: No
Solution for: Access Network: FTTH/FTTB/CATV, Access Network: xDSL, Long-haul/Metro Loop Network: Outdoor, Wireless Network: Backhaul
Suitable for High Voltage: No
Tape Grade: Professional
Tape Type: Grounding Braid
Total Thickness: 2.38 mm
UV Resistant: Yes
Vulcanizing: No

Dimensions and Classifications

Overall Length (Imperial): 15 ft
Overall Length (Metric): 4.5 m
Overall Width (Imperial): 0.5 in
Overall Width (Metric): 12.7 mm

3M™ Grounding and Sealing Accessories

Details

For grounding or sealing cable accessories
To improve reliability of cable accessories

3M™ Screw-Mount Ties

Details

Secure wire bundles and harness components quickly, without slipping
Can be quickly mounted to walls and structures with screws, bolts or rivets for added security
Made in the USA
UL Listed 62275 Type 21 and Plenum Rated AH-2 for use in air handling spaces

Typical properties

Approximate Length: 6,8
Brands: 3M™
Cable Length (Imperial): 6 in, 8 in
Cable Length (Metric): 147.32 mm, 228.6 mm
Cable Management Products: Cable Ties
Cable Tie Base Height: 8 in,6 in
Cable Tie Length: 203 mm, 226 mm
Cable Tie Type: Intermediate, Standard
Case Quantity: 10,000
Flammability Rating: UL 94 V-2
Material: Nylon 6/6
Maximum Bundle Diameter: 2 Inch,1.25 Inch
Maximum Bundle Diameter (Metric): 50.8 mm, 51 mm
Maximum Insulation Outer Diameter (Metric): 3.7 mm
Maximum Insulation Outside Diameter: 0.145 in
Maximum Operating Temperature: 85 Degree Celsius
Maximum Operating Temperature (Celsius): 85 °C
Maximum Operating Temperature (Fahrenheit): 185 °F
Mil Spec: MS3367-5-0
Minimum Bundle Diameter: 0.0625 Inch
Minimum Bundle Diameter (Metric): 1.6 mm
Minimum Installation Temperature (Celsius): -20 Degree Celsius
Minimum Installation Temperature (Fahrenheit): -4 Degree Fahrenheit
Minimum Operating Temperature (Celsius): -40 °C
Minimum Operating Temperature (Fahrenheit): -40 °F
Operating Temperature (Celsius): 85 Degree Celsius
Operating Temperature (Fahrenheit): 185 Degree Fahrenheit
Operating Temperature Range (Celsius): -40 °C to 85 °C
Operating Temperature Range (Fahrenheit): -40 °F to 185 °F
Plenum Rated: Yes
Product Color: Black
Product Type: Cable Tie
Solution for: Long-haul/Metro Loop Network: CO/POP, Long-haul/Metro Loop Network: Outdoor, Wireless Network: Backhaul, Wireless Network: Infrastructure Accessories
Tensile Strength (Imperial): 120 lbs,40 lbs,50 lbs
Tensile Strength (Metric): 18.14 kg, 22.68 kg, 80 N, 220 N, 530 N
Type: Standard
UL Approval: Yes

UV Resistant: No, Yes
Units per Case: 10000.0,1000.0
Units per bag: 100
eClass 14 Classification Group: 27140702

Dimensions and Classifications

Overall Length (Imperial): 5.8 in, 8.6 in, 15.1 in
Overall Length (Metric): 147 mm, 218 mm, 384 mm, 399 mm
Overall Width (Imperial): 0.142 in, 0.18 in, 0.3 in
Overall Width (Metric): 3.6 mm, 4.6 mm, 7.6 mm

3M™ Cold Shrink Shielded Splice Kits 5550 Series

Details

Provides splicing on tape shield, wire shield and UniShield® cables
This kit is suitable for use on solid dielectric cables, indoor or outdoor locations and direct-burial applications
Insulator and jacket is made of EPDM for easy installation
Rated for 5/8 kV applications
IEEE Approved

Typical properties

Application: Cable Connection
Brands: 3M™
Cable Shielding: Tape Shield, UniShield®, Wire Shield
Cable Type: Cable with rubber insulation
Case Quantity: 1
Conductor Material: Aluminum, Copper
Conductor Sizes (Imperial): 350 kcmil, 900 kcmil
Conductor Sizes (Metric): 185 mm², 456 mm²
Halogen Free: No
Insulation Level: 100%, 133%
Insulation Outer Diameter (Imperial): 0.73 in, 0.74 in, 0.75 in, 0.76 in, 0.77 in, 0.78 in, 0.79 in, 0.8 in, 0.81 in, 0.82 in, 0.83 in, 0.84 in, 0.85 in, 0.86 in, 0.87 in, 0.88 in, 0.89 in, 0.9 in, 0.91 in, 0.92 in, 0.93 in, 0.94 in, 0.95 in, 0.96 in, 0.97 in, 0.98 in, 0.99 in, 1 in, 1.01 in, 1.02 in, 1.03 in, 1.04 in, 1.05 in, 1.06 in, 1.07 in, 1.08 in, 1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in, 1.16 in, 1.17 in, 1.18 in, 1.19 in, 1.2 in, 1.21 in, 1.22 in, 1.23 in, 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in, 1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in, 1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in, 1.49 in, 1.5 in, 1.51 in, 1.52 in
Material: EPDM Rubber
Maximum Conductor Size (Imperial): 1000 kcmil (Aluminum), 1000 kcmil (Copper), 400 kcmil (Aluminum), 500 kcmil (Copper)
Maximum Conductor Size (Metric): 185 mm² (Aluminum), 240 mm² (Copper), 500 mm² (Aluminum), 500 mm² (Copper)
Maximum Connector Length: 3.7 inch (Al), 4.3 inch (Cu), 5.3 inch (Al), 6.3 inch (Cu)
Maximum Connector Length (Metric): 109 mm (Cu), 134.6 mm (Al), 160.0 mm (Cu), 94 mm (Al)
Minimum Conductor Size (Imperial): 4/0 AWG (Aluminum), 4/0 AWG (Copper), 500 kcmil (Aluminum), 500 kcmil (Copper)
Minimum Conductor Size (Metric): 120 mm² (Aluminum), 120 mm² (Copper), 240 mm² (Aluminum), 240 mm² (Copper)
Number of Conductors: 3
Product Color: Black
Product Series: 5550 Series
Splice Type: Cold Shrink, Inline
Suggested Accessory: 3M™ Ground Strap Assembly GS-2, 3M™ Ground Strap Assembly GS-3

Typical Splice Length: 21.0 in, 23.0 in
Typical Splice Length (Metric): 533.4 mm, 584.2 mm
Units per Case: 1.0
Voltage: 5 kV, 5/8 kV, 8 kV
Voltage Application: Medium Voltage
eClass 14 Classification Group: 27400107

Dimensions and Classifications

Overall Length (Imperial): 21 in, 23 in
Overall Length (Metric): 533 mm, 584 mm

3M™ Rejacketing Sleeves RJS Series

Details

Offers good resistance to moisture, corrosion, ozone and UV rays
Secures the phase legs of medium-voltage and 3/C shielded power cables
Designed for use on tape shield, wire shield, armored and non-armored power cables
Comes in dark gray color
Silicone rubber insulator on inner-expandable polyester braid minimizes sliding friction and ensures a leak-proof seal
Voltages of up to 35 kV or less

Typical properties

Brands: 3M™
Breakout Boot: No
Cable Accessory Products: Cable Breakout Boot Kits
Cable Insulation Outside Diameter Range: 0.43 - 0.60 in, 1.02 - 1.28 in
Dielectric Strength (V/mil): 428 V/mil
Elongation: 910 %
Inner Diameter After Shrink (Imperial): 0.4 in, 0.6 in, 0.8 in, 1 in, 1.3 in, 1.6 in
Inner Diameter After Shrink (Metric): 10.9 mm, 15.2 mm, 20.3 mm, 25.9 mm, 32.5 mm, 41.1 mm
Inner Diameter Before Shrink (Imperial): 0.6 in, 0.8 in, 1.02 in, 1.28 in, 1.62 in, 1.91 in
Inner Diameter Before Shrink (Metric): 15.2 mm, 20.3 mm, 25.9 mm, 32.5 mm, 41.1 mm, 48.5 mm
Insulation Rejacketing: Yes
Metallic Shield Diameter Range: 0.43 - 0.60 in, 0.60 - 0.80 in, 0.80 - 1.02 in, 1.02 - 1.28 in, 1.28 - 1.62 in, 1.62-1.91 in
Metallic Shield Diameter Range (Metric): 20.3-25.9 mm, 10.9-15.2 mm, 15.2-20.3 mm, 32.5-41.1 mm, 41.1-48.5 mm, 25.9-32.5 mm
Operating Temperature (Celsius): 105
Operating Temperature (Fahrenheit): 194, 221 Degree Fahrenheit
Product Color: Dark Gray
Product Type: Splice Jacketing and Rejacketing Kits
Solution: utilitybreakout
Temperature Rating: 356°F (180°C) Class H
Tensile Strength (Imperial): 1058 Pound-Force Per Square Inch
Units per Case: 1.0, 10.0
Voltage Range: 3.3 - 15 kV, 3.3 - 25 kV, 3.3 - 35 kV, 3.3 - 8 kV
eClass 14 Classification Group: 27400108

Dimensions and Classifications

Overall Length (Imperial): 4 ft, 10 ft
Overall Length (Metric): 1219 mm, 3048 mm

3M™ ACCR High-Capacity Transmission Conductor

3M ID B00014620

Details

High-capacity transmission conductor with a high-strength, lightweight aluminum matrix core
Provides maximum ampacity with less sag
Provides long-term reliability
Fast and easy to use
Results in lower total project cost

Typical properties

eClass 14 Classification Group: 15090300

3M™ Mechanical Shearbolt Connectors QCI

Details

Stepless shearbolt barrel and contact pad ensures optimum contact pressure for reliable performance and mechanical pull-out strength

Built-in center stop enables correct positioning

Ideal for connecting copper, aluminum or transition from copper to aluminum conductors

Size 5.12-in x 1.3-in O.D

Accommodates wire size of 1/0 AWG to 350 kcmil (stranded)

Made of aluminum for good conductivity and has corrosion-resistant tin plating

Withstands a maximum temperature of 221 °F (105 °C)

Rated for 35 kV voltage applications

Typical properties

Electrical Connector Type: Shearbolt Connectors

Maximum Conductor Size (Imperial): 1000 kcmil, 1250 kcmil, 250 kcmil, 350 kcmil, 600 kcmil, 750 kcmil

Maximum Conductor Size (Metric): 120 mm², 185 mm², 300 mm², 400 mm², 500 mm², 633 mm²

Minimum Conductor Size (Imperial): 1/0 AWG, 1000 kcmil, 2 AWG, 350 kcmil, 4/0 AWG, 500 kcmil

Minimum Conductor Size (Metric): 120 mm², 185 mm², 240 mm², 35 mm², 50 mm², 500 mm²

Outer Diameter (Imperial): 1.1 in, 1.3 in, 1.5 in, 1.65 in, 2.05 in

Outer Diameter (Metric): 27.9 mm, 33 mm, 38.1 mm, 41.9 mm, 52.1 mm

Product Type: Connector

3M™ Scotchlok™ Nylon Insulated with Insulation Grip Butt Connectors

Details

Nylon-insulated, butted-seam barrel ensures a secure fit and offers reliable performance

Funnel-designed, seamless brass sleeve offers easy insertion of wires

Built-in wire stop for correct positioning

Made of copper for good conductivity and has tin plating for corrosion resistance

Withstands a temperature range of -40 to 221 degrees F (-40 to 105 degrees C)

UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Body Material: Copper Alloy

Connector Type: Butt

Disconnect Type: Female

Fork Type: Standard

Insulation Material: Nylon with Insulation Grip

Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG

Maximum Conductor Size (Metric): 1 mm², 2.5 mm², 6 mm²

Maximum Operating Temperature (Celsius): 105 °C

Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 22 AWG

Minimum Conductor Size (Metric): .34 mm², 1.5 mm², 4 mm²

Product Color: Blue, Red, Yellow

Terminal Style: Standard

Terminal Type: Butt Connectors

eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Length (Imperial): 1 in, 1.15 in

Overall Length (Metric): 25.4 mm, 29.21 mm

3M™ Scotchlok™ Non-Insulated Brazed Seam Block Forks

Typical properties

Barrel Inside Diameter: 0.070 Inch,0.135 Inch,0.090 Inch
Barrel Length (Imperial): 0.25 Inch
Barrel Style: Brazed
CSA File Number: LR22190
Clearance (C): 0.25 Inch,0.29 Inch
Dimension E: 0.50 Inch,0.54 Inch,0.5 Inch
Fork Type: Block
Insulation Material: Non-insulated
Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG
Maximum Conductor Size (Metric): .0823 mm², 2.08 mm², 5.26 mm²
Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 22 AWG
Minimum Conductor Size (Metric): 0.326 mm², 1.31 mm², 3.31 mm²
Product Color: Metal
Stud Diameter (Imperial): 0.138 in, 0.164 in, 0.19 in
Stud Diameter (Metric): 3.505 mm, 4.166 mm, 4.826 mm
Stud Size: #10,#6,#8
Terminal Style: Block
Terminal Type: Fork
UL File Number: E23438, E70512
Units per Case: 500.0,1000.0
eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Length (Imperial): 0.65 in, 0.73 in
Overall Length (Metric): 16.51 mm
Overall Width (Imperial): 0.25 in, 0.3 in, 0.32 in
Overall Width (Metric): 7.62 mm

3M™ Scotchlok™ Butted Seam High-Temperature Standard Forks

Details

Non-insulated, butted-seam barrel ensures a secure fit and offers reliable performance

Beveled mouth offers easy insertion of wires

Wider tongue design for use on free-standing studs

Made of durable steel for high-temperature applications and has nickel plating for corrosion resistance

Withstands a maximum temperature of 900 degrees F (482 degrees C)

Typical properties

Barrel Inside Diameter: 0.09 Inch, 0.07 Inch, 0.135 Inch

Barrel Length (Imperial): 0.25 Inch

Barrel Style: Butted

CSA File Number: LR22190

Clearance (C): 0.28 Inch, 0.29 Inch

Dimension E: 0.54 Inch, 0.53 Inch

Fork Type: High Temp

Insulation Material: Non-insulated

Material: Copper

Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG

Maximum Conductor Size (Metric): .0823 mm², 2.08 mm², 5.26 mm²

Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 22 AWG

Minimum Conductor Size (Metric): 0.326 mm², 1.31 mm², 3.31 mm²

Solution for: Wireless Network: Infrastructure Accessories

Stud Size: #10

Terminal Style: High Temp

Terminal Type: Fork, High Temperature

Units per Case: 500.0, 1000.0

eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Length (Imperial): 0.7 in, 0.73 in

Overall Width (Imperial): 0.34 in, 0.38 in

3M™ Heat Shrink Tubing MDT

Details

Superior resistance to abrasion, corrosion and chemicals
Offers reliable performance for electrical splices, connections and terminations
Suitable for large transitions, splices and battery cables
Made of black cross-linked polyolefin
Withstands temperatures of -67 to 230 degrees F (-55 to 110 degrees C)
Flame-retardant

Typical properties

Adhesive Lined: Yes
Adhesive Material: Hot melt adhesive layer
Application Specifications: SAE-AMS-DTL-23053/15, Class 2
Brands: 3M™
Cable Size Range: 1-4/0 AWG, 1/0 AWG-250 kcmil, 1000-2500 kcmil, 12-6 AWG, 2-2/0 AWG, 300-500 kcmil, 4/0 AWG-400 kcmil, 600-1250 kcmil, 8-3 AWG
Chemical Resistant: Yes
Dielectric Strength: 500 mV
Dielectric Strength (V/mil): 200
Elongation: 4.75 %
Expanded Inner Diameter: 0.4 in, 0.8 in, 1.1 in, 1.3 in, 1.5 in, 1.7 in, 2 in, 3 in, 4.3 in
Expanded Inner Diameter (Metric): 10.2 mm, 20.3 mm, 27.9 mm, 33.0 mm, 38.1 mm, 43.2 mm, 50.8 mm, 76.2 mm
Flame Retardant: Yes
Flammability Rating: Self-Extinguishing
Heat Shrink Type: Heavy-Duty Heat Shrink Tubing
Inner Diameter After Shrink (Imperial): 0.13 in, 0.27 in, 0.37 in, 0.43 in, 0.5 in, 0.6 in, 0.66 in, 1 in, 1.43 in
Inner Diameter After Shrink (Metric): 3.4 mm, 6.77 mm, 9.4 mm, 10.9 mm, 12.7 mm, 15.2 mm, 16.93 mm, 25.4 mm, 36.4 mm
Inner Diameter Before Shrink (Imperial): 0.4 in, 0.8 in, 1.1 in, 1.3 in, 1.5 in, 1.7 in, 2 in, 3 in, 4.3 in
Inner Diameter Before Shrink (Metric): 10.2 mm, 20.3 mm, 27.9 mm, 33 mm, 38.1 mm, 43.2 mm, 50.8 mm, 76.2 mm, 109.2 mm
Material: Polyolefin
Maximum Operating Temperature (Celsius): 110 °C
Maximum Operating Temperature (Fahrenheit): 230 °F
Minimum Expanded Tubing I. D.: 0.4 in, 0.8 in, 1.1 in, 1.3 in, 1.5 in, 1.7 in, 2 in, 3 in, 4.3 in
Minimum Shrink Temperature (Celsius): 121 °C
Minimum Shrink Temperature (Fahrenheit): 250 °F
Operating Temperature (Celsius): -55 to 100 Degrees Celsius
Operating Temperature (Fahrenheit): -67 °F to 230 °F
Operating Temperature Range (Celsius): -55 °C to +105 °C
Operating Temperature Range (Fahrenheit): -67 °F to 230 °F
Product Color: Black
Product Form: Sleeve-roll

Product Type: Heat Shrink MDT

Recovered Inner Diameter: 0.15 in, 0.2 in, 0.37 in, 0.43 in, 0.5 in, 0.6 in, 0.65 in, 1 in, 1.5 in

Recovered Inner Diameter (Metric): 3.8 mm, 5.1 mm, 9.4 mm, 10.9 mm, 12.7 mm, 15.2 mm, 16.5 mm, 25.4 mm, 38.1 mm

Shrink Ratio: 3:1

Solution for: Access Network: FTTH/FTTB/CATV, Access Network: xDSL, Long-haul/Metro Loop Network: Outdoor, Wireless Network: Backhaul, Wireless Network: Infrastructure Accessories

Tensile Strength (Imperial): 2400 Pound-Force Per Square Inch

Tubing Type: Heavy Wall, Medium Wall

Units per Case: 15.0,10.0,20.0

Voltage Rating: 1 kV

eClass 14 Classification Group: 27400105

Dimensions and Classifications

Overall Length (Imperial): 48 in

Overall Length (Metric): 1.22 m

3M™ ScotchCode™ Pre-Printed Wire Marker Book SPB

Details

Suitable to mark electrical wires and terminal strips quickly
Marker has a vinyl impregnated cloth film with a top coat and natural rubber adhesive
Available in 15 options with various numbers, letters and symbols

Typical properties

Adhesive Material: Natural Rubber
Application: Marking Wire and Cable
Dispenser/Marker Type: Pre-printed & Write-on Books, Pre-printed Books
Kit Includes: 10 ea 1-45, 10 ea 46-90, 10 ea A-Z, 0-15, +, -, /, 15 ea 1-30, 15 ea A-Z, 8 ea +, 7 ea -, 21 ea Blank write-on markers, 150 ea 1,2,3, 150 ea A,B,C, 150 ea L1,L2,L3, 150 ea T1,T2,T3, 45 ea +, -, AC, DC, 33 ea POS, NEG, GND, 27 ea NEUT, SPARE, 21 ea blank write-on markers, 45 ea 0-9; 15 ea L1,L2,L3,T1,T2,T3, 45 ea 1,2,3,A,B,C; 30 ea L1,L2,L3,T1,T2,T3, 5 ea of 68 Load Center Legends; 110 ea blank write on markers, 6 ea 1-15; 4 ea 16-90; 2 ea A-Z, +, -, /, 0, 9 ea of 30 Alarm System Legends; 5 ea 1-15; 2 ea 16-45; 21 ea blank write-on markers
Legend: +, 1 - 45, 30 Alarm System Legend, C, L1, L3, T1 - T3
Legend Color: White
Marker ID Style: Pre-printed, Pre-printed & Write-on
Marker Size: 1.37 x 0.22 in (34,8 x 5,6 mm)
Marker Type: Books
Material: Vinyl Impregnated Cloth Film
Maximum Cable Diameter (Imperial): 0.47 in
Maximum Cable Diameter (Metric): 11.9 mm
Maximum Operating Temperature (Celsius): 66 °C
Maximum Operating Temperature (Fahrenheit): 150 °F
Maximum Outside Diameter: 0.47 in (11,9 mm)
Operating Temperature Range (Celsius): -40 °C to 121 °C
Printed Text Type: Letters & Symbols, Letters - A-C, Numbers & Symbols, Numbers - 1-30, Numbers - 46-90, Numbers, Letters, & Symbols, Numbers: 1-3, Numbers: 1-45, Symbols, Symbols: L1, L2, L3
Product Color: White
Product Type: Identification, Wire Marker
Solution for: Access Network: FTTH/FTTB/CATV, Access Network: xDSL, Long-haul/Metro Loop Network: CO/POP, Long-haul/Metro Loop Network: Outdoor, Wireless Network: Backhaul
Units per Case: 5.0
Wire Marker Products: Wire Marker Books

3M™ CI-T Splice Connectors

Details

Standard barrel ensures a secure fit and offers reliable performance
Built-in solid center oil stop allows for correct positioning
Made of aluminum for good conductivity and tin plating for corrosion resistance
Rated for 35 kV voltage applications
ANSI Certified

Typical properties

Barrel Style: Standard Barrel
Body Material: Aluminum
Case Quantity: 10
Compatible With: 3M™ Molded Rubber QS-II Cable Splice 5411 and 3M™
Molded Rubber QS-II Cable Splice 5501, Molded Rubber Splices 15 kV
Connector Base Metal: Aluminum
Connector Type: Compression Connectors, Transition Compression Connectors
Electrical Connector Type: Compression Connectors
For Use With: Aluminum or Copper Conductors
Maximum Conductor Size (Imperial): 1 AWG, 1 AWG (Stranded), 1/0 AWG
Maximum Conductor Size (Metric): 50 mm², 50 mm² (Stranded)
Maximum Operating Voltage: 35 Kilovolt
Minimum Conductor Size (Imperial): 2 AWG, 2 AWG (Stranded), 4 AWG
Minimum Conductor Size (Metric): 25 mm², 35 mm², 35 mm² (Stranded)
Outer Diameter (Imperial): 0.64 in, 0.91 in
eClass 14 Classification Group: 27400212

Dimensions and Classifications

Overall Length (Imperial): 2 in
Overall Length (Metric): 50.8 mm

3M™ Scotchlok™ Butted Seam High-Temperature Ring Tongues

Details

Non-insulated, butted-seam barrel ensures a secure fit and offers reliable performance

Beveled mouth offers easy insertion of wires

For use in ovens, motors, light fixtures and other applications

Made of durable steel for high-temperature applications and has nickel plating for corrosion resistance

Withstands a maximum temperature of 900 degrees F (482 degrees C)

Typical properties

Connection Width (Imperial): 0.138 in, 0.164 in, 0.19 in, 0.25 in, 0.375 in

Connection Width (Metric): 3.5 mm, 4.166 mm, 4.826 mm, 6.35 mm, 9.525 mm

Insulation Material: Non-insulated

Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG, 4 AWG, 6 AWG, 8 AWG

Maximum Conductor Size (Metric): 0.823 mm², 13.3 mm², 2.08 mm², 21.2 mm², 5.26 mm², 8.37 mm²

Maximum Operating Temperature (Celsius): 482 °C

Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 22 AWG, 4 AWG, 6 AWG, 8 AWG

Minimum Conductor Size (Metric): 0.326 mm², 1.31 mm², 13.3 mm², 21.2 mm², 3.31 mm², 8.37 mm²

Product Color: Metal

Terminal Type: Ring

Dimensions and Classifications

Overall Length (Imperial): 0.6 in, 0.7 in, 0.73 in, 0.93 in, 0.95 in, 0.99 in, 1.22 in, 1.34 in

Overall Length (Metric): 15.24 mm, 17.78 mm, 18.54 mm, 23.62 mm

Overall Width (Imperial): 0.25 in, 0.33 in, 0.38 in, 0.47 in, 0.56 in, 0.59 in, 0.63 in

Overall Width (Metric): 6.35 mm, 8.38 mm, 9.65 mm, 14.22 mm

3M™ Scotchlok™ Female Disconnect Vinyl Insulated, 100/bottle, MVG24-110/32DFX, 500/Case

3M ID 7100165324 UPC 10051128589981

Details

Dents and rolled edges of this female disconnect terminal offer excellent holding force

Allows for quick and easy disconnect of wires

Mates with 0.187-in wide male tab

Made of durable brass for good conductivity and has corrosion-resistant tin plating

Withstands a temperature range of -40 to 221 degrees F (-40 to 105 degrees C)

Rated 600V for building wire and 1000V for signs, fixtures or luminaires

UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Barrel Inside Diameter: 0.055 Inch

Barrel Style: Butted

Brands: Scotchlok™

Connection Width (Imperial): 0.11 in

Connection Width (Metric): 2.794 mm

Disconnect Type: Female

Fastener Orientation: Female

Insulation Material: Vinyl with Insulation Grip

Mates with Female Width: 0.110 Inch

Mates with Male Tab Width (W'): 0.110 Inch

Maximum Conductor Size (Imperial): 24 AWG

Maximum Conductor Size (Metric): .25 mm²

Maximum Insulation Outer Diameter (Imperial): 0.093 in

Minimum Conductor Size (Imperial): 26 AWG

Minimum Conductor Size (Metric): .14 mm²

Solution for: Wireless Network: Infrastructure Accessories

Tab Width: 0.187

Terminal Style: Standard

Terminal Type: Disconnect

Units per Case: 500.0

eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Length (Imperial): 0.63 in

3M™ Motor Lead Inline Splice Kits, Non-Shielded and Shielded Cables, 5331- 5334

Details

Features shielded, non-shielded cables
Designed for splicing motor lead cables to the incoming feeder cables
Suitable for use with 30000 Series copper compression lugs or other UL Listed copper lugs
0.3 to 0.51-in O.D. insulation
Accommodates wire size of 10 to 4 AWG
Rated for 5/8 kV applications
Includes 3 rolls Scotch® stress-control tape 2220, 12 adapters, 3 instruction sheets and more
Withstands temperatures of 194 degrees F (90 degrees C)

Typical properties

Connection Type: Inline (Shielded or Non-shielded), Pigtail (Non-shielded), Pigtail (Shielded)
Insulation Outside Diameter Range: 10-6 AWG: 0.30-0.46 in / 6-4 AWG: 0.37-0.51 in, 2-2/0 AWG: 0.53-0.71 in / 3/0 AWG-250 kcmil: 0.70-0.88 in, 4-2 AWG: 0.43-0.57 in / 2-1/0 AWG: 0.52-0.65 in, 4/0-350 kcmil: 0.75-0.98 in / 350-500 kcmil: 0.94-1.12 in
Insulation Outside Diameter Range (Metric): 10-6 AWG: 7.6-11.7 mm / 6-4 AWG: 9.4-13.0 mm, 2-2/0 AWG: 13.5-18.0 mm / 3/0 AWG-250 kcmil: 17.8-22.4 mm, 4-2 AWG: 10.9-14.5 mm / 2-1/0 AWG: 0.52-0.65 in, 4/0-350 kcmil: 19.1-24.9 mm / 350-500 kcmil: 23.9-28.4 mm
Insulation Outside Diameter by Conductor Size: 2-2/0 AWG (0.53-0.71 Inch), 3/0 AWG-250 kcmil (0.70-0.88 Inch), 4/0-350 kcmil (0.75-0.98 Inch), 350-500 kcmil (0.94-1.12 Inch), 10-6 AWG (0.30-0.46 Inch), 6-4 AWG (0.37-0.51 Inch), 4-2 AWG (0.43-0.57 Inch), 2-1/0 AWG (0.52-0.65 Inch)
Insulation Outside Diameter by Conductor Size (Metric): 4-2 AWG (10.9-14.5 mm), 2-1/0 AWG (13.2-16.5 mm), 10-6 AWG (7.6-11.7 mm), 6-4 AWG (9.4-13.0 mm), 4/0-350 kcmil (19.1-24.9 mm), 350-500 kcmil (23.9-28.4 mm), 2-2/0 AWG (13.5-18.0 mm), 3/0 AWG-250 kcmil (17.8-22.4 mm)
Maximum Bolt Length: 1-1/2 in, 1-1/4 in, 3/4 in
Maximum Bolt Length (Metric): 19.1 mm, 31.8 mm, 38.1 mm
Maximum Feeder Lead Size: 1/0 AWG, 250 kcmil, 4 AWG, 500 kcmil
Maximum Motor Lead Size: 1/0 AWG, 250 kcmil, 4 AWG, 500 kcmil
Maximum Operating Voltage: 8 kV
Range Feeder Cable (AWG & kcmil): 1/0-250, 2-1/0, 250-500, 8-4
Splice Cover Inner Diameter: 10-6 AWG: 0.24 in / 6-4 AWG 0.30 in, 2-2/0 AWG: 0.50 in / 3/0 AWG-250 kcmil: 0.60 in, 4-2 AWG: 0.30 in / 2- 1/0 AWG: 0.42 in, 4/0 AWG-350 kcmil: 0.60 in / 350-500 kcmil: 0.84 in
Splice Cover Inner Diameter (Metric): 10-6 AWG: 6.1 mm / 6-4 AWG: 7.6 mm, 2-2/0 AWG: 12.7 mm / 3/0 AWG-250 kcmil: 15.2 mm, 4-2 AWG: 7.6 mm / 2- 1/0 AWG: 10.7 mm, 4/0 AWG-350 kcmil: 15.2 mm / 350-500 kcmil: 21.3 mm
Splice Cover Length: 10-11 in, 12-13 in, 15-16 in, 17-18 in
Splice Cover Length (Metric): 254.0-279.4 mm, 304.8-330.2 mm, 381.0-406.4 mm, 431.8-457.2 mm

Splice Type: Inline
Units per Case: 1.0
Voltage: 5 kV - 8 kV

3M™ Parallel Clamp CP-1, up to 35 kV, 6 AWG

Part Number CP-1 3M ID 7000149328 UPC 00054007122043

Details

Designed to use with 3M Stem Connectors SC Series stem connectors
For use with aluminum or copper conductors
Accommodates 6 AWG (solid) thru 2/0 AWG (stranded) conductors
Aluminum material
Rated up to 35 kV
RoHS 2011/65/EU Compliant
10/case

Typical properties

Brands: 3M™
Breakout Boot: No
Case Quantity: 10
Compatible Conductor Size (Imperial): 2/0 AWG
Compatible Conductor Size (Metric): 70 mm² (Stranded)
For Use With: Aluminum or Copper Conductors
Insulation Rejacketing: No
Lug Base Metal: Aluminum
Lug Type: Compression Lugs
Product Type: Parallel Clamp

3M™ Connector CIR Series

Details

Standard barrel ensures a secure fit and offers reliable performance
Virtually eliminates the need to splice in a new section of cable
Specially designed for use with the 5411R and 5412R splice kits
Tin plated aluminum for good conductivity and corrosion-resistance
Meets the requirements of ANSI C119.4

Typical properties

Barrel Style: Standard Barrel
Case Quantity: 10
Compatible With: 5411R & 5412R, 5411R Splice Body, 5412R Splice Body, 5451R, 5451R Splice Body
Connector Base Metal: Aluminum
Electrical Connector Type: Compression Connectors
For Use With: Aluminum or Copper Conductors
Insulation Outer Diameter (Imperial): 0.64 in, 0.91 in
Insulation Outer Diameter (Metric): 16.256 mm, 23.114 mm
Maximum Conductor Size (Imperial): 1 AWG (Stranded), 1/0 AWG (Stranded), 2/0 AWG (Stranded), 4 AWG (Stranded), 4/0 AWG (Stranded)
Maximum Conductor Size (Metric): 120 mm² (Stranded), 25 mm² (Stranded), 50 mm² (Stranded), 70 mm² (Stranded)
Maximum Operating Voltage: 35 Kilovolt
Minimum Conductor Size (Imperial): 2 AWG (Stranded)
Minimum Conductor Size (Metric): 35 mm² (Stranded)
Operating Voltage: 15 kV, 25 kV, 28 kV
Outer Diameter (Imperial): 0.64 in, 0.91 in
Product Series: CIR Series
Product Type: Repair Splice Connector
Voltage: 25/28 kV

Dimensions and Classifications

Overall Length (Imperial): 8 in, 9 in
Overall Length (Metric): 203.2 mm, 228.6 mm

3M™ Motor Lead Pigtail Splice Kits 5321-5324

Typical properties

Cable Shielding: Non-shielded

Cable Type: Polymeric insulated cables

Connection Type: Pigtail (Non-shielded), Pigtail (Shielded)

Indoor/Outdoor: Indoor

Insulation Outside Diameter: 0.53-0.88 Inch, 0.30-0.51 Inch, 0.43-0.65 Inch, 0.75-1.12 Inch

Insulation Outside Diameter Range: 0.30-0.51 in, 0.43-0.65 in, 0.53-0.88 in, 0.75-1.12 in

Insulation Outside Diameter Range (Metric): 1.90 - 28.4 mm, 10.9 - 16.5 mm, 13.5-22.4 mm, 7.6-13.0 mm

Lug Cover Length: 10.5-11.5 in, 7-8 in, 8-9 in, 9-10 in

Lug Cover Length (Metric): 177.8-203.2 mm, 203.2-228.6 mm, 228.6-254.0 mm, 266.7-292.1 mm

Lug/Stem Connector Included in Kit: No

Maximum Bolt Length: 1-1/2 in, 1-1/4 in, 1/2 in, 3/4 in

Maximum Bolt Length (Metric): 12.7 mm, 19.1 mm, 31.8 mm, 38.1 mm

Maximum Conductor Size (Imperial): 500 kcmil

Maximum Conductor Size (Metric): 240 mm²

Maximum Feeder Lead Size: 1/0 AWG, 250 kcmil, 4 AWG, 500 kcmil

Maximum Motor Lead Size: 1/0 AWG, 250 kcmil, 4 AWG, 500 kcmil

Maximum Operating Voltage: 8 kV

Minimum Conductor Size (Imperial): 4/0 AWG

Minimum Conductor Size (Metric): 95 mm²

Number of Conductors: 1

Number of Skirts: 0

Range Feeder Cable (AWG & kcmil): 1/0-250, 2-1/0, 250-500, 8-4

Splice Type: Pigtail Only

Units per Case: 1.0

Voltage: 5 kV - 8 kV, 5/8 kV

3M™ Scotchcast™ Cold Shrink Inline Splice Kits 5760 Series

Details

Splices shielded cables

The constant force springs provide a connection for ground braid jumpers

Rated for 5/8 to 15 kV applications

The insulators are made of EPDM for a long-term seal and offer easy installation

Withstands a temperature range of 194 to 266 °F (90 to 130 °C)

Typical properties

Application: Cable Connection

Cable Accessory Products: Electrical Resins

Cable Shielding: Tape Shield

Case Quantity: 1

Insulation O.D. Range: 0.65 - 1.00 Inch, 0.93 - 1.94 Inch

Insulation Outer Diameter (Imperial): 0.65 in, 0.66 in, 0.67 in, 0.68 in, 0.69 in, 0.7 in, 0.71 in, 0.72 in, 0.73 in, 0.74 in, 0.75 in, 0.76 in, 0.77 in, 0.78 in, 0.79 in, 0.8 in, 0.81 in, 0.82 in, 0.83 in, 0.84 in, 0.85 in, 0.86 in, 0.87 in, 0.88 in, 0.89 in, 0.9 in, 0.91 in, 0.92 in, 0.93 in, 0.94 in, 0.95 in, 0.96 in, 0.97 in, 0.98 in, 0.99 in, 1 in, 1.01 in, 1.02 in, 1.03 in, 1.04 in, 1.05 in, 1.06 in, 1.07 in, 1.08 in, 1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in, 1.16 in, 1.17 in, 1.18 in, 1.19 in, 1.2 in, 1.21 in, 1.22 in, 1.23 in, 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in, 1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in, 1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in, 1.49 in, 1.5 in, 1.51 in, 1.52 in, 1.53 in, 1.54 in, 1.55 in, 1.56 in, 1.57 in, 1.58 in, 1.59 in, 1.6 in, 1.61 in, 1.62 in, 1.63 in, 1.64 in, 1.65 in, 1.66 in, 1.67 in, 1.68 in, 1.69 in, 1.7 in, 1.71 in, 1.72 in, 1.73 in, 1.74 in, 1.75 in, 1.76 in, 1.77 in, 1.78 in, 1.79 in, 1.8 in, 1.81 in, 1.82 in, 1.83 in, 1.84 in, 1.85 in, 1.86 in, 1.87 in, 1.88 in, 1.89 in, 1.9 in, 1.91 in, 1.92 in, 1.93 in, 1.94 in

Insulation Outer Diameter (Metric): 16.51 mm, 16.764 mm, 17.018 mm, 17.272 mm, 17.526 mm, 17.78 mm, 18.034 mm, 18.288 mm, 18.542 mm, 18.796 mm, 19.05 mm, 19.304 mm, 19.558 mm, 19.812 mm, 20.066 mm, 20.32 mm, 20.574 mm, 20.828 mm, 21.082 mm, 21.336 mm, 21.59 mm, 21.844 mm, 22.098 mm, 22.352 mm, 22.606 mm, 22.86 mm, 23.114 mm, 23.368 mm, 23.622 mm, 23.876 mm, 24.13 mm, 24.384 mm, 24.638 mm, 24.892 mm, 25.146 mm, 25.4 mm, 25.654 mm, 25.908 mm, 26.162 mm, 26.416 mm, 26.67 mm, 26.924 mm, 27.178 mm, 27.432 mm, 27.686 mm, 27.94 mm, 28.194 mm, 28.448 mm, 28.702 mm, 28.956 mm, 29.21 mm, 29.464 mm, 29.718 mm, 29.972 mm, 30.226 mm, 30.48 mm, 30.734 mm, 30.988 mm, 31.242 mm, 31.496 mm, 31.75 mm, 32.004 mm, 32.258 mm, 32.512 mm, 32.766 mm, 33.02 mm, 33.274 mm, 33.528 mm, 33.782 mm, 34.036 mm, 34.29 mm, 34.544 mm, 34.798 mm, 35.052 mm, 35.306 mm, 35.56 mm, 35.814 mm, 36.068 mm, 36.322 mm, 36.576 mm, 36.83 mm, 37.084 mm, 37.338 mm, 37.592 mm, 37.846 mm, 38.1 mm, 38.354 mm, 38.608 mm, 38.862 mm, 39.116 mm, 39.37 mm, 39.624 mm, 39.878 mm, 40.132 mm, 40.386 mm, 40.64 mm, 40.894 mm, 41.148 mm, 41.402 mm, 41.656 mm, 41.91 mm, 42.164 mm, 42.418 mm, 42.672 mm, 42.926 mm, 43.18 mm, 43.434 mm, 43.688 mm, 43.942 mm, 44.196 mm, 44.45 mm, 44.704 mm, 44.958 mm, 45.212 mm, 45.466 mm, 45.72 mm, 45.974 mm, 46.228 mm, 46.482 mm, 46.736 mm, 46.99

mm, 47.244 mm, 47.498 mm, 47.752 mm, 48.006 mm, 48.26 mm, 48.514 mm,
48.768 mm, 49.022 mm, 49.276 mm
Insulation Outside Diameter Range (Metric): 16.5 - 25.4 mm, 23.6 - 49.3 mm
Maximum Connector Length: 2.75 Inch, 5.0 inch
Maximum Connector Length (Metric): 127.0 mm, 69.9 mm
Maximum Connector O.D.: 0.90 in, 1.40 in
Maximum Connector O.D. (Metric): 22.9 mm, 35.5 mm
Number of Conductors: 3
Product Series: 5760 Series
Splice Type: Inline
Typical Splice Length (Metric): 1118 mm, 737 mm
Voltage: 15 kV, 5 kV, 8 kV
eClass 14 Classification Group: 27400107

3M™ Highland™ Wire Connectors

Details

Used for connecting and insulating wire connections in a pigtail application
Suitable for select 3M™ Performance Plus™ Wire Connectors and 3M™ Secure Grip Wire Connectors
Available in hand driver or power driver options

Typical properties

Brands: Highland™
Case Quantity: 5000,2500,10,000,1000
Conductor Sizes (Imperial): 18 -10 AWG, 18 -12 AWG, 18 -14 AWG, 22 - 14 AWG, 22 - 16 AWG
Connection Type: Wire
Connector Style: Twist On
Flame Retardant: No
Maximum Conductor Size (Imperial): 10 AWG, 12 AWG, 14 AWG, 16 AWG, 22 AWG
Maximum Conductor Size (Metric): .34 mm², 1.5 mm², 2.5 mm², 4 mm², 6 mm²
Maximum Operating Temperature (Celsius): 105 °C
Maximum Operating Temperature (Fahrenheit): 221 °F
Maximum Recommended Voltage Rating: 300 V, 600 V
Maximum Voltage Rating: 300 V, 600 V (1000 V in signs, lighting fixtures and luminaries)
Minimum Conductor Size (Imperial): 14 AWG, 18 AWG, 22 AWG
Minimum Conductor Size (Metric): .34 mm², 1 mm², 2.5 mm²
Product Color: Blue, Gray, Orange, Red, Yellow
Product Type: Connector
Solution: constructionspring, constructionspringres
Voltage Rating: 600 V
Wire Connector Type: Twist-on Wire Connectors
eClass 14 Classification Group: 27400215

3M™ Heatshrink Cable End Cap SKE

Details

Offers mechanical and environmental protection to cable ends
Adhesive lining offers flexible, water-resistant barrier
Suitable for heavy-duty applications
Comes in black color
Made of flame-retardant, semi-rigid, cross-linked polyolefin
Withstands temperatures of -67 to 230 degrees F (-55 to 110 degrees C)

Typical properties

Application: Sealing the end of the cable
Brands: 3M™
Cable End Expanded: 0.39 in, 0.79 in, 1.57 in, 2.48 in, 2.99 in, 3.94 in
Cable End Recovered: 0.16 in, 0.3 in, 0.59 in, 0.98 in, 1.18 in, 1.77 in
End Cap Type: Heat Shrink
Expanded Height: 0.39 in, 0.79 in, 1.18 in, 1.57 in, 2.48 in, 3.94 in
Flame Retardant: Yes
Heat Shrink Type: Heat Shrink Molded Shapes
Inner Diameter After Shrink (Imperial): 0.16 in, 0.315 in, 0.591 in, 0.984 in, 1.181 in, 1.772 in
Inner Diameter After Shrink (Metric): 4 mm, 8 mm, 15 mm, 25 mm, 30 mm, 45 mm
Inner Diameter Before Shrink (Imperial): 0.394 in, 0.787 in, 1.575 in, 2.48 in, 2.992 in, 3.937 in
Inner Diameter Before Shrink (Metric): 10 mm, 20 mm, 40 mm, 63 mm, 76 mm, 100 mm
Material: Semi-rigid, Cross-linked Polyolefin
Product Color: Black
Recovered Height: 0.16 in, 0.3 in, 0.59 in, 0.98 in, 1.18 in, 1.77 in
Recovered Length: 0.12 in, 0.26 in, 0.41 in, 0.63 in, 0.67 in, 1.02 in
Shrink Ratio: 2:1
Shrink Type: Heat Shrink
UV Resistant: Yes
Units per Case: 60.0,250.0,40.0,30.0,1000.0
Use Range: 0.16 in - 0.31 in, 0.31 in - 0.43 in, 0.59 in - 1.26 in, 1.00 in - 1.97 in, 1.18 in - 2.36 in, 1.77 in - 3.15 in
With Inner Glue: Yes
eClass 14 Classification Group: 27400104

3M™ Constant Force Springs

Details

Applies a uniform radial pressure onto the cable
For use in earthing or grounding applications
Used on lead and aluminum cable sheaths, cable screening tapes or wires and steel or aluminum armor wires
Solderless connection
RoHS 2011/65/EU Compliant

Typical properties

Application Range: 0.50 in - 0.75 in, 0.80 in - 1.50 in, 1.00 in - 2.20 in, 1.50 in - 3.00 in, 1.80 in - 4.00 in
Cable Accessory Products: Sealing and Grounding Kits
Material: Stainless Steel
Product Type: Shield Connector
Units per Case: 30.0,9.0

Dimensions and Classifications

Overall Width (Imperial): 0.5 in, 0.625 in, 0.75 in
Overall Width (Metric): 12.7 mm, 15.875 mm

3M™ Mechanical Shearbolt Two-Hole Lug QL2 Series

Details

Designed to use with cold shrink QT-III terminations

Stepless shearbolt bolt shears at the same location regardless of conductor cross section

Contact pad ensures optimum contact pressure for reliable performance and mechanical pull-out strength

Suitable for copper or aluminum conductors

Made of aluminum for good conductivity and has corrosion-resistant tin plating

Meets the requirements of ANSI 199.4, class 2 pull out

Typical properties

Lug Type: Shearbolt Lugs

Maximum Conductor Size (Imperial): 1000 kcmil, 1250 kcmil, 250 kcmil, 750 kcmil

Maximum Conductor Size (Metric): 120 mm², 400 mm², 500 mm², 633 mm²

Minimum Conductor Size (Imperial): 1000 kcmil, 2 AWG, 350 kcmil, 500 kcmil

Minimum Conductor Size (Metric): 185 mm², 240 mm², 35 mm², 500 mm²

Outer Diameter (Imperial): 1.1 in, 1.65 in, 2.05 in

Outer Diameter (Metric): 28 mm, 42 mm, 52 mm

Product Type: Lug

Stud Hole Quantity: 2

Voltage: 15 kV

3M™ Shield Adapter Kits

Details

Splices tape shield, wire shield and UniShield® cables
Adapter bleeder wire offers quick and simple installation when soldered to the ground braid
Suitable for use on accessories such as elbows, modular splices and terminations
ANSI Certified

Typical properties

Brands: 3M™

Cable Accessory Products: Sealing and Grounding Kits

Cable Shielding: Tape, Wire, Unishield®

Cable Size by Voltage: (15 kV) 1250-1750 kcmil (600-850 mm²), (15 kV) 2 AWG-250 kcmil (35-150 mm²), (15 kV) 350-1000 kcmil (185-500 mm²), (25 kV) 1000-1500 kcmil (600-725 mm²), (25 kV) 2 AWG-250 kcmil (35-150 mm²), (25 kV) 350-750 kcmil (185-500 mm²), (35 kV) 2-1/0 AWG (35-60 mm²), (35 kV) 2/0 AWG-350 kcmil (70-200 mm²), (35 kV) 500-1000 kcmil (240-500 mm²), (5/8 kV) 1/0 AWG-350 kcmil (50-200 mm²), (5/8 kV) 500-1000 kcmil (240-500 mm²), (5/8 kV) 8-1 AWG (10-38 mm²)

Cable Voltage Rating: 15 kV, 25 kV, 35 kV, 5/8 kV

Conductor Sizes (Imperial): 1 AWG, 1/0 AWG, 1000 kcmil, 1250 kcmil, 1500 kcmil, 1750 kcmil, 2 AWG, 2/0 AWG, 250 kcmil, 3 AWG, 3/0 AWG, 300 kcmil, 350 kcmil, 4 AWG, 4/0 AWG, 400 kcmil, 450 kcmil, 5 AWG, 500 kcmil, 6 AWG, 600 kcmil, 7 AWG, 700 kcmil, 750 kcmil, 8 AWG, 800 kcmil, 900 kcmil

Jacket Outside Diameter: 0.59 to 1.05 Inch, 0.83 to 1.64 Inch, 1.27 to 2.17 Inch, 1.70 to 2.60 Inch

Jacket Outside Diameter Range: 0.59-1.05 in, 0.83-1.64 in, 1.27-2.17 in, 1.70-2.60 in

Jacket Outside Diameter Range (Metric): 15.0-26.6 mm, 21.1-41.6 mm, 32.3-55.1 mm, 43.2-66.0 mm

Maximum Operating Voltage: 35 kV

Product Color: Black

Product Type: Cold Shrink

Separable Connector Type: Dead Break Elbows

Units per Case: 3.0

eClass 14 Classification Group: 27440308

3M™ Scotchlok™ Nylon Insulated with Insulation Grip Ring Tongues

Details

Nylon-insulated, butted-seam barrel ensures a secure fit and offers reliable performance

Funnel-designed, seamless brass sleeve offers easy insertion of wires

Standard-style ring tongue fits around the stud

Made of electrolytic copper for good conductivity and has tin plating for corrosion resistance

Withstands a temperature range of -40 to 221 degrees F (-40 to 105 degrees C)

600V-rated for building wire and 1000V for signs, fixtures or luminaires

UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Barrel Inside Diameter: 0.090 Inch

Barrel Style: Butted

CSA File Number: LR22190

Clearance (C): 0.33 Inch

Connection Width (Imperial): 0.112 in, 0.138 in, 0.164 in, 0.19 in, 0.25 in, 0.315 in, 0.375 in

Connection Width (Metric): 2.845 mm, 3.5 mm, 4.166 mm, 4.826 mm, 6.35 mm, 8 mm, 9.525 mm

Dimension E: 0.79 Inch

Insulation Color: Blue

Insulation Material: Nylon, Nylon with Insulation Grip

Material: Plastic

Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG

Maximum Conductor Size (Metric): 0.823 mm², 2.08 mm², 5.26 mm²

Maximum Insulation Outer Diameter (Imperial): 0.17 in

Maximum Insulation Outer Diameter (Metric): 3.7 mm

Maximum Insulation Outside Diameter: 0.145 in

Maximum Operating Temperature (Celsius): 105 °C

Maximum Operating Temperature (Fahrenheit): 221 °F

Maximum Recommended Voltage Rating: 600 V

Maximum Voltage Rating: 600 to 1000 V

Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 22 AWG

Minimum Conductor Size (Metric): 0.326 mm², 1.31 mm², 3.31 mm²

Minimum Stud Diameter (Imperial): 0.19 in

Minimum Stud Diameter (Metric): 5 mm

Operating Temperature Range (Celsius): -40 °C to 105 °C

Operating Temperature Range (Fahrenheit): -40 °F to 221 °F

Product Color: Blue, Red, Yellow

Ring Type: Standard

Stud Size: #10

Stud Sizes: #10

Terminal Style: Standard

Terminal Type: Ring

Type: Standard

UL File Number: E23438

Units per Case: 500.0

Dimensions and Classifications

Overall Length (Imperial): 0.79 in, 0.81 in, 0.91 in, 0.92 in, 0.94 in, 0.98 in, 1.03 in, 1.07 in, 1.09 in, 1.12 in, 1.14 in, 1.26 in

Overall Length (Metric): 20.06 mm, 20.57 mm, 23.11 mm, 23.36 mm, 23.87 mm, 26.16 mm, 27.17 mm, 27.68 mm, 28.95 mm, 32 mm

Overall Width (Imperial): 0.25 in, 0.28 in, 0.31 in, 0.33 in, 0.38 in, 0.47 in, 0.53 in, 0.54 in, 0.56 in

Overall Width (Metric): 6.35 mm, 7.87 mm, 8.38 mm, 9.65 mm, 11.93 mm, 13.46 mm, 13.71 mm, 14.22 mm

3M™ Cold Shrink QT-II Outdoor Termination Kits 5690K Series

Details

One-piece cold shrink termination
High dielectric-constant material regulates the distribution of electric field stress
Suitable for outdoor, weather exposed applications
Silicone rubber insulation is track-resistance and hydrophobic
Silicone cold shrink application provides constant radial pressure, "living seal"
Meets IEEE Standard 48, Class 1 for outdoor, weather-exposed applications

Typical properties

Application: Cable Termination
BIL: 150 kV, 200 kV
Breakout Boot: No
Cable Insulation Outside Diameter Range: 0.64-0.90 in, 0.84-1.33 in, 1.10-1.65 in, 1.30-1.95 in
Cable Insulation Outside Diameter Range (Metric): 16.3-22.9 mm, 21.3-33.8 mm, 27.9-41.9 mm, 33.0-49.5 mm
Cable Shielding: Tape Shield, UniShield®, Wire Shield, Wire-Over-Tape Shield
Case Quantity: 1
Conductor Sizes (Imperial): 1 AWG, 1/0 AWG, 1000 kcmil, 1250 kcmil, 1500 kcmil, 1750 kcmil, 2 AWG, 2/0 AWG, 250 kcmil, 3/0 AWG, 300 kcmil, 350 kcmil, 4/0 AWG, 400 kcmil, 500 kcmil, 600 kcmil, 700 kcmil, 750 kcmil, 800 kcmil, 900 kcmil
Indoor/Outdoor: Outdoor Skirted
Insulation Level: 100%, 133%
Insulation Outer Diameter (Imperial): 0.64 in, 0.65 in, 0.66 in, 0.67 in, 0.68 in, 0.69 in, 0.7 in, 0.71 in, 0.72 in, 0.73 in, 0.74 in, 0.75 in, 0.76 in, 0.77 in, 0.78 in, 0.79 in, 0.8 in, 0.81 in, 0.82 in, 0.83 in, 0.84 in, 0.85 in, 0.86 in, 0.87 in, 0.88 in, 0.89 in, 0.9 in, 0.91 in, 0.92 in, 0.93 in, 0.94 in, 0.95 in, 0.96 in, 0.97 in, 0.98 in, 0.99 in, 1 in, 1.01 in, 1.02 in, 1.03 in, 1.04 in, 1.05 in, 1.06 in, 1.07 in, 1.08 in, 1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in, 1.16 in, 1.17 in, 1.18 in, 1.19 in, 1.2 in, 1.21 in, 1.22 in, 1.23 in, 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in, 1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in, 1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in, 1.49 in, 1.5 in, 1.51 in, 1.52 in, 1.53 in, 1.54 in, 1.55 in, 1.56 in, 1.57 in, 1.58 in, 1.59 in, 1.6 in, 1.61 in, 1.62 in, 1.63 in, 1.64 in, 1.65 in, 1.66 in, 1.67 in, 1.68 in, 1.69 in, 1.7 in, 1.71 in, 1.72 in, 1.73 in, 1.74 in, 1.75 in, 1.76 in, 1.77 in, 1.78 in, 1.79 in, 1.8 in, 1.81 in, 1.82 in, 1.83 in, 1.84 in, 1.85 in, 1.86 in, 1.87 in, 1.88 in, 1.89 in, 1.9 in, 1.91 in, 1.92 in, 1.93 in, 1.94 in, 1.95 in
Insulation Outer Diameter (Metric): 16.256 mm, 16.51 mm, 16.764 mm, 17.018 mm, 17.272 mm, 17.526 mm, 17.78 mm, 18.034 mm, 18.288 mm, 18.542 mm, 18.796 mm, 19.05 mm, 19.304 mm, 19.558 mm, 19.812 mm, 20.066 mm, 20.32 mm, 20.574 mm, 20.828 mm, 21.082 mm, 21.336 mm, 21.59 mm, 21.844 mm, 22.098 mm, 22.352 mm, 22.606 mm, 22.86 mm, 23.114 mm, 23.368 mm, 23.622 mm, 23.876 mm, 24.13 mm, 24.384 mm, 24.638 mm, 24.892 mm, 25.146 mm, 25.4 mm, 25.654 mm, 25.908 mm, 26.162 mm, 26.416 mm, 26.67 mm, 26.924 mm, 27.178 mm, 27.432 mm, 27.686 mm, 27.94 mm, 28.194 mm, 28.448 mm, 28.702 mm, 28.956 mm, 29.21 mm, 29.464 mm, 29.718 mm, 29.972 mm, 30.226 mm

mm, 30.48 mm, 30.734 mm, 30.988 mm, 31.242 mm, 31.496 mm, 31.75 mm, 32.004 mm, 32.258 mm, 32.512 mm, 32.766 mm, 33.02 mm, 33.274 mm, 33.528 mm, 33.782 mm, 34.036 mm, 34.29 mm, 34.544 mm, 34.798 mm, 35.052 mm, 35.306 mm, 35.56 mm, 35.814 mm, 36.068 mm, 36.322 mm, 36.576 mm, 36.83 mm, 37.084 mm, 37.338 mm, 37.592 mm, 37.846 mm, 38.1 mm, 38.354 mm, 38.608 mm, 38.862 mm, 39.116 mm, 39.37 mm, 39.624 mm, 39.878 mm, 40.132 mm, 40.386 mm, 40.64 mm, 40.894 mm, 41.148 mm, 41.402 mm, 41.656 mm, 41.91 mm, 42.164 mm, 42.418 mm, 42.672 mm, 42.926 mm, 43.18 mm, 43.434 mm, 43.688 mm, 43.942 mm, 44.196 mm, 44.45 mm, 44.704 mm, 44.958 mm, 45.212 mm, 45.466 mm, 45.72 mm, 45.974 mm, 46.228 mm, 46.482 mm, 46.736 mm, 46.99 mm, 47.244 mm, 47.498 mm, 47.752 mm, 48.006 mm, 48.26 mm, 48.514 mm, 48.768 mm, 49.022 mm, 49.276 mm, 49.53 mm

Insulation Rejacketing: No

Jacket Outside Diameter Range: 0.80-1.20 in, 1.00-1.60 in, 1.30-1.90 in, 1.50-2.40 in

Jacket Outside Diameter Range (Metric): 20,3-30,5 mm, 25,4-40,6 mm, 25.4-40.6 mm, 33,0-48,3 mm, 33.0-48.2 mm, 38,1-61,0 mm, 38.1-61.0 mm

Lug/Stem Connector Included in Kit: No

Maximum Installed Length: 15.00 in (Tape and Wire Shield) 14.50 in (UniShield®), 16.50 in (Tape and Wire Shield) 16.00 in (UniShield®), 16.75 in (Tape and Wire Shield) 16.25 in (UniShield®), 19.50 in (Tape and Wire Shield) 19.00 in (UniShield®), 21.50 in (Tape and Wire Shield) 21.00 in (UniShield®), 21.75 in (Tape and Wire Shield) 21.25 in (UniShield®)

Maximum Installed Length (Metric): 381 mm (Tape and Wire Shield) 368 mm (UniShield®), 419 mm (Tape and Wire Shield) 406 mm (UniShield®), 425 mm (Tape and Wire Shield) 413 mm (UniShield®), 495 mm (Tape and Wire Shield) 483 mm (UniShield®), 546 mm (Tape and Wire Shield) 533 mm (UniShield®), 552 mm (Tape and Wire Shield) 540 mm (UniShield®)

Number of Conductors: 1

Number of Skirts: 6 , 8

Product Series: 5690K, 7600-T-3G

Voltage: 15 kV, 25 kV, 25/28 kV, 35 kV

eClass 14 Classification Group: 27400102

3M™ Cold Shrink QT-III Termination 7640-T-HSG & 7650-T-HSG Series for 5-35 kV

Details

Provides a void-free seal to tape shield, wire-over-tape shield and longitudinally corrugated shield power cables
High dielectric-constant material regulates the distribution of electric field stress
Suitable for indoor and high-ampacity ground applications
Molded, silicone rubber insulation offers durability and provides constant radial pressure

Typical properties

Application: Cable Termination

BIL: 110 kV, 150 kV

Brands: 3M™

Breakout Boot: No

Cable Insulation Outside Diameter Range: 0.64-1.08 in, 0.72-1.29 in, 0.83-1.53 in, 1.05-1.80 in, 1.53-2.32 in

Cable Insulation Outside Diameter Range (Metric): 16.3 - 27.4 mm, 18.3-32.8 mm, 21.1 - 38.9 mm, 26.7 - 45.7 mm, 38.9 - 58.9 mm

Cable Shielding: Longitudinally Corrugated (LC), Tape Shield, Wire-Over-Tape Shield

Case Quantity: 1

Compatible Lug: QL2-A-4/0-600,QL2-A-500-1000,QL2-A-2-250,QL2-A-350-750,QL2-A-1/0-350,QL2-A-1000-1250

Conductor Sizes (Imperial): 1 AWG, 1/0 AWG, 1000 kcmil, 1250 kcmil, 1500 kcmil, 1750 kcmil, 2 AWG, 2/0 AWG, 2000 kcmil, 250 kcmil, 3/0 AWG, 300 kcmil, 350 kcmil, 4/0 AWG, 400 kcmil, 500 kcmil, 600 kcmil, 700 kcmil, 750 kcmil, 800 kcmil, 900 kcmil

Indoor/Outdoor: Indoor Non-skirted

Insulation Level: 100%, 133%

Insulation O.D. Range: 18.3 - 32.8 mm

Insulation Outer Diameter (Imperial): 0.64 in, 0.65 in, 0.66 in, 0.67 in, 0.68 in, 0.69 in, 0.7 in, 0.71 in, 0.72 in, 0.73 in, 0.74 in, 0.75 in, 0.76 in, 0.77 in, 0.78 in, 0.79 in, 0.8 in, 0.81 in, 0.82 in, 0.83 in, 0.84 in, 0.85 in, 0.86 in, 0.87 in, 0.88 in, 0.89 in, 0.9 in, 0.91 in, 0.92 in, 0.93 in, 0.94 in, 0.95 in, 0.96 in, 0.97 in, 0.98 in, 0.99 in, 1 in, 1.01 in, 1.02 in, 1.03 in, 1.04 in, 1.05 in, 1.06 in, 1.07 in, 1.08 in, 1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in, 1.16 in, 1.17 in, 1.18 in, 1.19 in, 1.2 in, 1.21 in, 1.22 in, 1.23 in, 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in, 1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in, 1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in, 1.49 in, 1.5 in, 1.51 in, 1.52 in, 1.53 in, 1.54 in, 1.55 in, 1.56 in, 1.57 in, 1.58 in, 1.59 in, 1.6 in, 1.61 in, 1.62 in, 1.63 in, 1.64 in, 1.65 in, 1.66 in, 1.67 in, 1.68 in, 1.69 in, 1.7 in, 1.71 in, 1.72 in, 1.73 in, 1.74 in, 1.75 in, 1.76 in, 1.77 in, 1.78 in, 1.79 in, 1.8 in, 1.81 in, 1.82 in, 1.83 in, 1.84 in, 1.85 in, 1.86 in, 1.87 in, 1.88 in, 1.89 in, 1.9 in, 1.91 in, 1.92 in, 1.93 in, 1.94 in, 1.95 in, 1.96 in, 1.97 in, 1.98 in, 1.99 in, 2 in, 2.01 in, 2.02 in, 2.03 in, 2.04 in, 2.05 in, 2.06 in, 2.07 in, 2.08 in, 2.09 in, 2.1 in, 2.11 in, 2.12 in, 2.13 in, 2.14 in, 2.15 in, 2.16 in, 2.17 in, 2.18 in,

2.19 in, 2.2 in, 2.21 in, 2.22 in, 2.23 in, 2.24 in, 2.25 in, 2.26 in, 2.27 in, 2.28 in, 2.29 in, 2.3 in, 2.31 in, 2.32 in

Insulation Outer Diameter (Metric): 16.256 mm, 16.51 mm, 16.764 mm, 17.018 mm, 17.272 mm, 17.526 mm, 17.78 mm, 18.034 mm, 18.288 mm, 18.542 mm, 18.796 mm, 19.05 mm, 19.304 mm, 19.558 mm, 19.812 mm, 20.066 mm, 20.32 mm, 20.574 mm, 20.828 mm, 21.082 mm, 21.336 mm, 21.59 mm, 21.844 mm, 22.098 mm, 22.352 mm, 22.606 mm, 22.86 mm, 23.114 mm, 23.368 mm, 23.622 mm, 23.876 mm, 24.13 mm, 24.384 mm, 24.638 mm, 24.892 mm, 25.146 mm, 25.4 mm, 25.654 mm, 25.908 mm, 26.162 mm, 26.416 mm, 26.67 mm, 26.924 mm, 27.178 mm, 27.432 mm, 27.686 mm, 27.94 mm, 28.194 mm, 28.448 mm, 28.702 mm, 28.956 mm, 29.21 mm, 29.464 mm, 29.718 mm, 29.972 mm, 30.226 mm, 30.48 mm, 30.734 mm, 30.988 mm, 31.242 mm, 31.496 mm, 31.75 mm, 32.004 mm, 32.258 mm, 32.512 mm, 32.766 mm, 33.02 mm, 33.274 mm, 33.528 mm, 33.782 mm, 34.036 mm, 34.29 mm, 34.544 mm, 34.798 mm, 35.052 mm, 35.306 mm, 35.56 mm, 35.814 mm, 36.068 mm, 36.322 mm, 36.576 mm, 36.83 mm, 37.084 mm, 37.338 mm, 37.592 mm, 37.846 mm, 38.1 mm, 38.354 mm, 38.608 mm, 38.862 mm, 39.116 mm, 39.37 mm, 39.624 mm, 39.878 mm, 40.132 mm, 40.386 mm, 40.64 mm, 40.894 mm, 41.148 mm, 41.402 mm, 41.656 mm, 41.91 mm, 42.164 mm, 42.418 mm, 42.672 mm, 42.926 mm, 43.18 mm, 43.434 mm, 43.688 mm, 43.942 mm, 44.196 mm, 44.45 mm, 44.704 mm, 44.958 mm, 45.212 mm, 45.466 mm, 45.72 mm, 45.974 mm, 46.228 mm, 46.482 mm, 46.736 mm, 46.99 mm, 47.244 mm, 47.498 mm, 47.752 mm, 48.006 mm, 48.26 mm, 48.514 mm, 48.768 mm, 49.022 mm, 49.276 mm, 49.53 mm, 49.784 mm, 50.038 mm, 50.292 mm, 50.546 mm, 50.8 mm, 51.054 mm, 51.308 mm, 51.562 mm, 51.816 mm, 52.07 mm, 52.324 mm, 52.578 mm, 52.832 mm, 53.086 mm, 53.34 mm, 53.594 mm, 53.848 mm, 54.102 mm, 54.356 mm, 54.61 mm, 54.864 mm, 55.118 mm, 55.372 mm, 55.626 mm, 55.88 mm, 56.134 mm, 56.388 mm, 56.642 mm, 56.896 mm, 57.15 mm, 57.404 mm, 57.658 mm, 57.912 mm, 58.166 mm, 58.42 mm, 58.674 mm, 58.928 mm

Insulation Rejacketing: No

Lug/Stem Connector Included in Kit: No

Material: Silicone Rubber

Maximum Installed Length: 12.00 in, 16.00 in

Number of Conductors: 1

Number of Skirts: 0

Product Color: Gray

Product Series: 7640-T-HSG, 7640-T-HSG-110, 7650-T-HSG, 7650-T-HSG-150

Voltage: 15 kV, 25 kV, 25/28 kV, 35 kV, 5 kV, 8 kV

Voltage Application: Medium Voltage

eClass 14 Classification Group: 27400102

3M™ Cold Shrink QT-III High Fault Current Termination Kit 7650-S-HSG & 7660-HSG Series

Details

Provides a void-free seal to tape shield, longitudinally corrugated shield and wire-over-tape shield power cables
High dielectric-constant material regulates the distribution of electric field stress
Suitable for outdoor applications
Unique step-core design and silicone sealing compounds enable easier installation

Typical properties

BIL: 150 kV, 200 kV

Brands: 3M™

Breakout Boot: No

Cable Insulation Outside Diameter Range: 0.64-1.08 in, 0.72-1.29 in, 0.83-1.53 in, 1.05-1.80 in, 1.15-1.98 in, 1.53-2.32 in, 0.69-1.22 in

Cable Insulation Outside Diameter Range (Metric): 16.3 - 27.4 mm, 18.3-32.8 mm, 21.1 - 38.9 mm, 26.7 - 45.7 mm, 29,2-50,3 mm, 38.9 - 58.9 mm, 17,5-31,0 mm

Cable Shielding: Concentric Neutral (CN), Jacketed Concentric Neutral (JCN), Longitudinally Corrugated (LC), Tape Shield, Wire-Over-Tape Shield

Case Quantity: 1

Compatible Lug: QL2-A-4/0-600,QL2-A-2-250,QL2-A-500-1000,QL2-A-350-750,QL2-A-1/0-350,QL2-A-1000-1250

Conductor Sizes (Imperial): 1 AWG, 1/0 AWG, 1000 kcmil, 1250 kcmil, 1500 kcmil, 1750 kcmil, 2 AWG, 2/0 AWG, 2000 kcmil, 250 kcmil, 3/0 AWG, 300 kcmil, 350 kcmil, 4/0 AWG, 400 kcmil, 500 kcmil, 600 kcmil, 700 kcmil, 750 kcmil, 800 kcmil, 900 kcmil

Indoor/Outdoor: Outdoor, Outdoor Skirted

Insulation Level: 100%, 133%

Insulation Outer Diameter (Imperial): 0.64 in, 0.65 in, 0.66 in, 0.67 in, 0.68 in, 0.69 in, 0.7 in, 0.71 in, 0.72 in, 0.73 in, 0.74 in, 0.75 in, 0.76 in, 0.77 in, 0.78 in, 0.79 in, 0.8 in, 0.81 in, 0.82 in, 0.83 in, 0.84 in, 0.85 in, 0.86 in, 0.87 in, 0.88 in, 0.89 in, 0.9 in, 0.91 in, 0.92 in, 0.93 in, 0.94 in, 0.95 in, 0.96 in, 0.97 in, 0.98 in, 0.99 in, 1 in, 1.01 in, 1.02 in, 1.03 in, 1.04 in, 1.05 in, 1.06 in, 1.07 in, 1.08 in, 1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in, 1.16 in, 1.17 in, 1.18 in, 1.19 in, 1.2 in, 1.21 in, 1.22 in, 1.23 in, 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in, 1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in, 1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in, 1.49 in, 1.5 in, 1.51 in, 1.52 in, 1.53 in, 1.54 in, 1.55 in, 1.56 in, 1.57 in, 1.58 in, 1.59 in, 1.6 in, 1.61 in, 1.62 in, 1.63 in, 1.64 in, 1.65 in, 1.66 in, 1.67 in, 1.68 in, 1.69 in, 1.7 in, 1.71 in, 1.72 in, 1.73 in, 1.74 in, 1.75 in, 1.76 in, 1.77 in, 1.78 in, 1.79 in, 1.8 in, 1.81 in, 1.82 in, 1.83 in, 1.84 in, 1.85 in, 1.86 in, 1.87 in, 1.88 in, 1.89 in, 1.9 in, 1.91 in, 1.92 in, 1.93 in, 1.94 in, 1.95 in, 1.96 in, 1.97 in, 1.98 in, 1.99 in, 2 in, 2.01 in, 2.02 in, 2.03 in, 2.04 in, 2.05 in, 2.06 in, 2.07 in, 2.08 in, 2.09 in, 2.1 in, 2.11 in, 2.12 in, 2.13 in, 2.14 in, 2.15 in, 2.16 in, 2.17 in, 2.18 in, 2.19 in, 2.2 in, 2.21 in, 2.22 in, 2.23 in, 2.24 in, 2.25 in, 2.26 in, 2.27 in, 2.28 in, 2.29 in, 2.3 in, 2.31 in, 2.32 in

Insulation Outer Diameter (Metric): 16.256 mm, 16.3 mm, 16.51 mm, 16.764 mm, 17.018 mm, 17.272 mm, 17.526 mm, 17.78 mm, 18.034 mm, 18.288 mm, 18.542 mm, 18.796 mm, 19.05 mm, 19.304 mm, 19.558 mm, 19.812 mm, 20.066 mm, 20.32 mm, 20.574 mm, 20.828 mm, 21.082 mm, 21.336 mm, 21.59 mm, 21.844 mm, 22.098 mm, 22.352 mm, 22.606 mm, 22.86 mm, 23.114 mm, 23.368 mm, 23.622 mm, 23.876 mm, 24.13 mm, 24.384 mm, 24.638 mm, 24.892 mm, 25.146 mm, 25.4 mm, 25.654 mm, 25.908 mm, 26.162 mm, 26.416 mm, 26.67 mm, 26.924 mm, 27.178 mm, 27.432 mm, 27.686 mm, 27.94 mm, 28.194 mm, 28.448 mm, 28.702 mm, 28.956 mm, 29.21 mm, 29.464 mm, 29.718 mm, 29.972 mm, 30.226 mm, 30.48 mm, 30.734 mm, 30.988 mm, 31.242 mm, 31.496 mm, 31.75 mm, 32.004 mm, 32.258 mm, 32.512 mm, 32.766 mm, 33.02 mm, 33.274 mm, 33.528 mm, 33.782 mm, 34.036 mm, 34.29 mm, 34.544 mm, 34.798 mm, 35.052 mm, 35.306 mm, 35.56 mm, 35.814 mm, 36.068 mm, 36.322 mm, 36.576 mm, 36.83 mm, 37.084 mm, 37.338 mm, 37.592 mm, 37.846 mm, 38.1 mm, 38.354 mm, 38.608 mm, 38.862 mm, 39.116 mm, 39.37 mm, 39.624 mm, 39.878 mm, 40.132 mm, 40.386 mm, 40.64 mm, 40.894 mm, 41.148 mm, 41.402 mm, 41.656 mm, 41.91 mm, 42.164 mm, 42.418 mm, 42.672 mm, 42.926 mm, 43.18 mm, 43.434 mm, 43.688 mm, 43.942 mm, 44.196 mm, 44.45 mm, 44.704 mm, 44.958 mm, 45.212 mm, 45.466 mm, 45.72 mm, 45.974 mm, 46.228 mm, 46.482 mm, 46.736 mm, 46.99 mm, 47.244 mm, 47.498 mm, 47.752 mm, 48.006 mm, 48.26 mm, 48.514 mm, 48.768 mm, 49.022 mm, 49.276 mm, 49.53 mm, 49.784 mm, 50.038 mm, 50.292 mm, 50.546 mm, 50.8 mm, 51.054 mm, 51.308 mm, 51.562 mm, 51.816 mm, 52.07 mm, 52.324 mm, 52.578 mm, 52.832 mm, 53.086 mm, 53.34 mm, 53.594 mm, 53.848 mm, 54.102 mm, 54.356 mm, 54.61 mm, 54.864 mm, 55.118 mm, 55.372 mm, 55.626 mm, 55.88 mm, 56.134 mm, 56.388 mm, 56.642 mm, 56.896 mm, 57.15 mm, 57.404 mm, 57.658 mm, 57.912 mm, 58.166 mm, 58.42 mm, 58.674 mm, 58.928 mm

Insulation Rejacketing: No

Lug/Stem Connector Included in Kit: No, Yes

Maximum Installed Length: 12.25 in, 13.25 in, 20.50 in, 21.50 in

Mounting Bracket Included: No, Yes

Number of Conductors: 1

Number of Skirts: 4 , 8

Product Series: 7650-S, 7650-S-HSG, 7650-S-HSG-4, 7660-S-HSG

Voltage: 15 kV, 25 kV, 25/28 kV, 25/5 kV, 28 kV, 35 kV, 5 kV, 8 kV

Voltage Application: Medium Voltage

eClass 14 Classification Group: 27400102

3M™ Cold Shrink QS-III Inline CN/JCN Cable Splice Kits 5467A and 5468A Series

Details

Inline splice for joining jacketed concentric neutral (JCN) and concentric neutral (CN) power cables

Special electrode design of the kit reduces the electrical stress at a critical cable/splice interface

Designed for feeder and distribution circuits, size transition splicing, direct burial installations, submerged locations and use with standard inline crimp connectors
Silicon rubber-splice body provides good high and low temperature performance, and the EPDM rubber jacket offers physical protection

Rated for 35 kV cables

High-voltage, production-tested for partial discharge and AC ensure reliability

Typical properties

Application: Cable Connection

Cable Shielding: Concentric Neutral (CN), Jacketed Concentric Neutral (JCN), Longitudinally Corrugated (LC), Tape Shield, UniShield®, Wire Shield

Cable Type: Concentric Neutral (CN), Jacketed Concentric Neutral (JCN)

Conductor Material: Aluminum, Copper

Conductor Sizes (Imperial): 1/0 AWG, 1000 kcmil, 2/0 AWG, 250 kcmil, 350 kcmil, 4/0 AWG, 500 kcmil, 750 kcmil

For Use With: Aluminum and/or Copper Conductors

Insulation Level: 1.33, 100%, 133%

Insulation Outer Diameter (Imperial): 1.07 in, 1.08 in, 1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in, 1.16 in, 1.17 in, 1.18 in, 1.19 in, 1.2 in, 1.21 in, 1.22 in, 1.23 in, 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in, 1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in, 1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in, 1.49 in, 1.5 in, 1.51 in, 1.52 in, 1.53 in, 1.54 in, 1.55 in, 1.56 in, 1.57 in, 1.58 in, 1.59 in, 1.6 in, 1.61 in, 1.62 in, 1.63 in, 1.64 in, 1.65 in, 1.66 in, 1.67 in, 1.68 in, 1.69 in, 1.7 in, 1.71 in, 1.72 in, 1.73 in, 1.74 in, 1.75 in, 1.76 in, 1.77 in, 1.78 in, 1.79 in, 1.8 in, 1.81 in, 1.82 in, 1.83 in, 1.84 in, 1.85 in, 1.86 in, 1.87 in, 1.88 in, 1.89 in, 1.9 in, 1.91 in, 1.92 in, 1.93 in, 1.94 in, 1.95 in, 1.96 in, 1.97 in, 1.98 in, 1.99 in, 2 in, 2.01 in, 2.02 in, 2.03 in, 2.04 in, 2.05 in, 2.06 in, 2.07 in

Material: Silicone Rubber

Number of Conductors: 1

Product Color: Black

Product Series: 5467A, 5468A, 5670

Splice Type: Cold Shrink, Inline

Voltage: 15 kV, 25/28 kV, 35 kV

eClass 14 Classification Group: 27400107

3M™ Scotchlok™ Fork Non-Insulated, 100/bottle, M14-10FX, wider-tongue design for use on free-standing studs, 500/Case

3M ID 7010399921 UPC 00051128586648

Details

Non-insulated, brazed-seam barrel ensures a secure fit and offers reliable performance

Beveled mouth offers easy insertion of wires

Wider tongue design for use on free-standing studs

Electrolytic copper construction offers good conductivity

Withstands a maximum temperature of 347 degrees F (175 degrees C) for bare terminals

600V-rated for building wire and 1000V for signs, fixtures or luminaires

UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Barrel Inside Diameter: 0.090 Inch

Barrel Style: Brazed

Brands: Scotchlok™

CSA File Number: LR22190

Clearance (C): 0.29 Inch

Dimension E: 0.54 Inch

Fork Type: Standard

Insulation Material: Non-insulated

Maximum Conductor Size (Imperial): 14 AWG

Maximum Conductor Size (Metric): 2.08 mm²

Minimum Conductor Size (Imperial): 16 AWG

Minimum Conductor Size (Metric): 1.31 mm²

Stud Size: #10

Terminal Style: Standard

Terminal Type: Fork

UL File Number: E23438

Units per Case: 500.0

eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Length (Imperial): 0.7 in

Overall Width (Imperial): 0.34 in

3M™ Scotchlok™ Vinyl Insulated Butted Seam Piggy-Back Disconnects

Details

The tongue portion with fingers grip a male quick-slide and a tongue extension grips a female quick-slide
Allows for quick and easy disconnect of wires
Mates with 0.25-in wide male and female tab
Accommodates wire sizes 22 to 18 AWG
Made of durable brass for good conductivity and has corrosion-resistant tin plating
Withstands a temperature range of -40 to 221 degrees F (-40 to 105 degrees C)
Rated 600V for building wire and 1000V for signs, fixtures or luminaires
UL Listed, CSA Certified and RoHS 2011/65/EU Compliant
1000/case

Typical properties

Barrel Inside Diameter: 0.070 Inch, 0.09 Inch, 0.07 Inch
Barrel Length (Imperial): 0.23 Inch
Barrel Style: Butted
Bullet Diameter: 0.180, 0.156
Connection Width (Imperial): 0.25 in
Connection Width (Metric): 6.35 mm
Disconnect Type: Female|Male, Female, Male
Fastener Orientation: Male-Female
Insulation Material: Vinyl
Mates with Female Width: 0.25 Inch, 0.250 Inch
Mates with Male Tab Width (W'): 0.25 Inch, 0.250 Inch
Maximum Conductor Size (Imperial): 14 AWG, 18 AWG
Maximum Conductor Size (Metric): 1 mm², 2.5 mm²
Maximum Insulation Outer Diameter (Imperial): 0.145 in, 0.15 in, 0.17 in
Minimum Conductor Size (Imperial): 16 AWG, 22 AWG
Minimum Conductor Size (Metric): .34 mm², 1.5 mm²
Pad Width: 0.25 in
Solution for: Wireless Network: Infrastructure Accessories
Tab Width: 0.250
Terminal Style: Piggy-back
Terminal Type: Disconnect
Units per Case: 500.0, 1000.0
eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Length (Imperial): 0.87 in

Scotch® Tape Shielded Cable Splice Kit 5700 Series

Details

Specially designed for inline and tee splicing
Rated for use on 5 to 15 kV
OSHA Approved

Typical properties

Barrel Length (Imperial): 0.94 Inch
Barrel Length (Metric): 23.8 mm
Barrel Style: Standard Barrel
Cable Shielding: Tape Shield, UniShield®, Wire Shield
Case Quantity: 1
Center of Hole to End of Pad: 0.531 Inch
Center of Hole to End of Pad (Metric): 13.4 mm
Conductor Material: Aluminum, Copper
Conductor Size by Voltage for Tee Splice: (5 & 8 kV, Cu) 400-750 kcmil, (5 & 8 kV, Al) 250-500 kcmil, (15 kV, 100%, Cu) 1/0 AWG - 350 kcmil, (15 kV, 100%, Al) 4-4/0 AWG, (15 kV, 133%, Cu) 4 AWG - 250 kcmil, (15 kV, 133%, Al) 4-3/0 AWG, (5 & 8 kV, Cu) 4-2/0 AWG, (5 & 8 kV, Al) 4-1/0 AWG, (5 & 8 kV, Cu) 3/0 AWG - 350 kcmil, (5 & 8 kV, Al) 2/0-4/0 AWG, (15 kV, 100%, Cu) 4-1 AWG
Conductor Sizes (Imperial): 1 AWG, 1/0 AWG, 1000 kcmil, 2 AWG, 2/0 AWG, 250 kcmil, 3/0 AWG, 300 kcmil, 350 kcmil, 4 AWG, 4/0 AWG, 400 kcmil, 500 kcmil, 600 kcmil, 650 kcmil, 700 kcmil, 750 kcmil, 800 kcmil, 900 kcmil
Conductor Sizes (Metric): 120 mm², 150 mm², 185 mm², 240 mm², 25 mm², 300 mm², 329 mm², 35 mm², 354 mm², 400 mm², 405 mm², 456 mm², 50 mm², 70 mm², 95 mm²
Connector Description: One Hole
Connector Material: Copper
For Use With: Copper Conductor Only
Inside Diameter (Imperial): 0.49 in
Inside Diameter (Metric): 12.4 mm
Lug Base Metal: Copper
Lug/Stem Connector Included in Kit: No
Maximum Conductor Size (Imperial): 4 AWG
Maximum Conductor Size (Metric): 25 mm²
Maximum Operating Voltage: 15 kV, 35 Kilovolt
Minimum Conductor Size (Imperial): 4 AWG
Minimum Conductor Size (Metric): 25 mm²
Minimum Operating Voltage: 5 kV
Number of Conductors: 1
Number of Holes: 1 none
Outer Diameter (Imperial): 0.617 in
Pad Length (Imperial): 1.11 in
Pad Length (Metric): 28.2 mm
Pad Width: 0.91 in
Pad Width (Metric): 23.1 mm
Product Color: Orange
Product Series: 5700, 5700 Series

Product Type: Splice
Splice Type: Inline, Tape, Tee
Stud Sizes: 1/2 Inch
Suitable for High Voltage: No
Tape Type: Tape Splice Kit
Voltage: 15 kV, 5/8 kV
Vulcanizing: No
eClass 14 Classification Group: 20420490

Dimensions and Classifications

Overall Length (Imperial): 2.63 in
Overall Length (Metric): 66.8 mm

3M™ CXS Series Cold Shrink Coax Sealing Kits

Details

- Reliable seal against water
- Tough, resilient rubber holds pressure seal, even after exposure
- Broad application range; can lower inventory costs
- Eliminates need for heat source or special tools
- Reduces installation time for sealing jobs

Typical properties

- Brands: 3M™
- Material: EPDM Rubber
- Product Type: Sealing Kit
- Solution for: Wireless Network: Weatherproofing

3M™ Scotchlok™ Closed-End Connectors

Typical properties

Body Material: Copper
Connection Width (Imperial): 0.25 in
Connection Width (Metric): 6.35 mm
Insulation Material: Nylon
Maximum Conductor Size (Imperial): 16 AWG, 18 AWG
Maximum Conductor Size (Metric): 1 mm², 1.5 mm²
Maximum Operating Temperature (Celsius): 105 °C
Minimum Conductor Size (Imperial): 10 AWG, 22 AWG
Minimum Conductor Size (Metric): .34 mm², 6 mm²
Product Color: Translucent White
Terminal Type: Standard
eClass 14 Classification Group: 27400212

Dimensions and Classifications

Overall Length (Imperial): 0.83 in, 1 in
Overall Length (Metric): 21.1 mm, 25.4 mm

3M™ Heat Shrink Tubing VFP-876

3M ID B10398087

Details

Rated for continuous operation from -55°C (-67°F) to 135°C (275°F)
VFP-876 Tubing has a 2:1 shrink ratio

Typical properties

Brands: 3M™

Flame Retardant: Yes

Maximum Operating Temperature (Celsius): 135°C

Maximum Operating Temperature (Fahrenheit): 275°F

Operating Temperature (Celsius): -55 to 135 Degrees Celsius

Operating Temperature (Fahrenheit): -67°F to 275°F

Shrink Ratio: 2:1

UL Bug Temperature (Celsius): 125 Degrees Celsius

UL Bug Temperature (Fahrenheit): 257 Degrees Fahrenheit

UL Bug Voltage: 600 Volt

eClass 14 Classification Group: 27400105

3M™ Cable Tie Mounting Bases

3M ID B00034736

Details

Keep your wire or cable bundles organized in narrow spaces
Ideal for use with miniature, intermediate and standard cable ties
Bag quantity of 100
RoHS 2011/65/EU Compliant

Typical properties

eClass 14 Classification Group: 15090300

Shearbolt Holding Tool

Details

Designed for use with mechanical shearbolt lugs and connectors
Offers physical support for the mechanical shearbolt lug and/or connector during the installation on the electrical medium-voltage cable conductor
For use with 3M mechanical shearbolt connectors QCI Series
Suitable for use with 3M mechanical shearbolt 1-hole T-body lugs QLS Series and 3M shearbolt 2-hole lugs QL2 Series

Typical properties

Electrical Connector Type: Shearbolt Connectors
Lug Type: Shearbolt Lugs
Product Type: Tool

3M™ Trifurcating Transition Splice Kits

Details

Specially designed splice to connect a 3/C paper insulated lead covered (PILC) cable to three 1/C Poly/EPR insulated cables

Poly/EPR cables include CN, JCN, LC, tape shield, wire shield, poly/EP lead or UniShield® cables

Mastic components seal at Poly/EPR cable jacket ends

Silicone rubber-splice body controls the electrical field of the high voltage over the connector

Rated for 15 kV cables

Meets the requirements of IEEE 404 standards

Typical properties

Cable Shielding: Concentric Neutral (CN), Jacketed Concentric Neutral (JCN)

Voltage: 15 kV

eClass 14 Classification Group: 27400107

Dimensions and Classifications

Overall Length (Imperial): 4.13 in

Overall Length (Metric): 104.8 mm

3M™ Scotchcast™ Mine and Portable Cable Splicing Kits 8096 Series

Details

Designed for splicing SHD-GC, MPF-GC and MPF non-shielded cables
Flame-retardant resin 2131 is used as an insulating material for cable splices
Perfect for use on draglines, power shovels, drills and type MPF underground power feeder cables
Rated for 5 to 15 kV applications
ABS Certified, MSHA Approved and RoHS 2011/65/EU Compliant

Typical properties

Application: Cable Connection
Cable Accessory Products: Electrical Resins
Cable Shielding: Longitudinally Corrugated (LC), Tape Shield, UniShield®, Wire Shield
Cable Type: MPF, MPF-GC, MV-105, MV-90, SHD-GC
Conductor Material: Aluminum, Copper
Conductor Sizes (Imperial): 1 AWG, 1/0 AWG, 350 kcmil
Conductor Sizes (Metric): 185 mm², 50 mm²
Connector Included: None
Flame Retardant: Yes
Gel Time: 17 min 73 °F (23 °C)
Hardness: 82 Shore A
Indoor/Outdoor: Both
Insulation Outer Diameter (Imperial): 1.85 in, 1.86 in, 1.87 in, 1.88 in, 1.89 in, 1.9 in, 1.91 in, 1.92 in, 1.93 in, 1.94 in, 1.95 in, 1.96 in, 1.97 in, 1.98 in, 1.99 in, 2 in, 2.01 in, 2.02 in, 2.03 in, 2.04 in, 2.05 in, 2.06 in, 2.07 in, 2.08 in, 2.09 in, 2.1 in, 2.11 in, 2.12 in, 2.13 in, 2.14 in, 2.15 in, 2.16 in, 2.17 in, 2.18 in, 2.19 in, 2.2 in, 2.21 in, 2.22 in, 2.23 in, 2.24 in, 2.25 in, 2.26 in, 2.27 in, 2.28 in, 2.29 in, 2.3 in, 2.31 in, 2.32 in, 2.33 in, 2.34 in, 2.35 in, 2.36 in, 2.37 in, 2.38 in, 2.39 in, 2.4 in, 2.41 in, 2.42 in, 2.44 in, 2.45 in, 2.46 in, 2.47 in, 2.48 in, 2.49 in, 2.5 in, 2.51 in, 2.52 in, 2.53 in, 2.54 in, 2.55 in, 2.56 in, 2.57 in, 2.58 in, 2.59 in, 2.6 in, 2.61 in, 2.62 in, 2.63 in, 2.64 in, 2.65 in, 2.66 in, 2.67 in, 2.68 in, 2.69 in, 2.7 in, 2.71 in, 2.72 in, 2.73 in, 2.74 in, 2.75 in, 2.76 in, 2.77 in, 2.78 in, 2.79 in, 2.8 in, 2.81 in, 2.82 in, 2.83 in, 2.84 in, 2.85 in, 2.86 in, 2.87 in, 2.88 in, 2.89 in, 2.9 in, 2.91 in, 2.92 in, 2.93 in, 2.94 in, 2.95 in, 2.96 in, 2.97 in, 2.98 in, 2.99 in, 3 in, 3.01 in, 3.02 in, 3.03 in, 3.04 in, 3.05 in, 3.06 in, 3.07 in, 3.08 in, 3.09 in, 3.1 in, 3.11 in, 3.12 in, 3.13 in, 3.14 in, 3.15 in, 3.16 in, 3.17 in, 3.18 in, 3.19 in, 3.2 in, 3.21 in, 3.22 in, 3.23 in, 3.24 in, 3.25 in, 3.26 in, 3.27 in, 3.28 in, 3.29 in, 3.3 in, 3.31 in, 3.32 in, 3.33 in, 3.34 in, 3.35 in, 3.36 in, 3.37 in, 3.38 in, 3.39 in, 3.4 in, 3.41 in, 3.42 in, 3.43 in, 3.44 in, 3.45 in, 3.46 in, 3.47 in, 3.48 in, 3.49 in, 3.5 in, 3.51 in, 3.52 in, 3.53 in, 3.54 in, 3.55 in, 3.56 in, 3.57 in, 3.58 in, 3.59 in, 3.6 in, 3.61 in, 3.62 in, 3.63 in, 3.64 in, 3.65 in, 3.66 in, 3.67 in, 3.68 in, 3.69 in, 3.7 in, 3.71 in, 3.72 in, 3.73 in, 3.74 in, 3.75 in, 3.76 in, 3.77 in, 3.78 in, 3.79 in, 3.8 in, 3.81 in, 3.82 in, 3.83 in, 3.84 in, 3.85 in, 3.86 in, 3.87 in, 3.88 in, 3.89 in, 3.9 in, 3.91 in, 3.92 in, 3.93 in, 3.94 in, 3.95 in, 3.96 in, 3.97 in, 3.98 in, 3.99 in, 4 in, 4.01 in, 4.02 in, 4.03 in, 4.04 in, 4.05 in, 4.06 in, 4.07 in, 4.08 in, 4.09 in, 4.1 in, 4.11 in, 4.12 in, 4.13 in, 4.14 in, 4.15 in, 4.16 in, 4.17 in, 4.18 in, 4.19 in, 4.2 in, 4.21 in, 4.22 in, 4.23 in, 4.24 in, 4.25 in, 4.26 in, 4.27 in, 4.28 in, 4.29 in, 4.3 in, 4.31 in,

4.32 in, 4.33 in, 4.34 in, 4.35 in, 4.36 in, 4.37 in, 4.38 in, 4.39 in, 4.4 in, 4.41 in, 4.42 in, 4.43 in, 4.44 in, 4.45 in, 4.46 in, 4.47 in, 4.48 in, 4.49 in, 4.5 in, 4.51 in, 4.52 in, 4.53 in, 4.54 in, 4.55 in, 4.56 in, 4.57 in, 4.58 in, 4.59 in, 4.6 in, 4.61 in, 4.62 in, 4.63 in, 4.64 in, 4.65 in, 4.66 in, 4.67 in, 4.68 in, 4.69 in, 4.7 in, 4.71 in, 4.72 in, 4.73 in, 4.74 in, 4.75 in, 4.76 in, 4.77 in, 4.78 in, 4.79 in, 4.8 in, 4.81 in, 4.82 in, 4.83 in, 4.84 in, 4.85 in, 4.86 in, 4.87 in, 4.88 in, 4.89 in, 4.9 in, 4.91 in, 4.92 in, 4.93 in, 4.94 in, 4.95 in, 4.96 in, 4.97 in, 4.98 in, 4.99 in, 5 in, 5.01 in, 5.02 in, 5.03 in, 5.04 in, 5.05 in, 5.06 in, 5.07 in, 5.08 in, 5.09 in, 5.1 in, 5.11 in, 5.12 in, 5.13 in, 5.14 in, 5.15 in, 5.16 in, 5.17 in, 5.18 in, 5.19 in, 5.2 in, 5.21 in, 5.22 in, 5.23 in, 5.24 in, 5.25 in, 5.26 in, 5.27 in, 5.28 in, 5.29 in, 5.3 in, 5.31 in, 5.32 in, 5.33 in, 5.34 in, 5.35 in, 5.36 in, 5.37 in, 5.38 in, 5.39 in, 5.4 in, 5.41 in, 5.42 in, 5.43 in, 5.44 in, 5.45 in, 5.46 in, 5.47 in, 5.48 in, 5.49 in, 5.5 in, 5.51 in, 5.52 in, 5.53 in, 5.54 in, 5.55 in, 5.56 in, 5.57 in, 5.58 in, 5.59 in, 5.6 in, 5.61 in, 5.62 in, 5.63 in, 5.64 in, 5.65 in, 5.66 in, 5.67 in, 5.68 in, 5.69 in, 5.7 in, 5.71 in, 5.72 in, 5.73 in, 5.74 in, 5.75 in, 5.76 in, 5.77 in, 5.78 in, 5.79 in, 5.8 in, 5.81 in, 5.82 in, 5.83 in, 5.84 in, 5.85 in, 5.86 in, 5.87 in, 5.88 in, 5.89 in, 5.9 in, 5.91 in, 5.92 in, 5.93 in, 5.94 in, 5.95 in, 5.96 in, 5.97 in, 5.98 in, 5.99 in, 6 in

Insulation Outer Diameter (Metric): 46.99 mm, 47.244 mm, 47.498 mm, 47.752 mm, 48.006 mm, 48.26 mm, 48.514 mm, 48.768 mm, 49.022 mm, 49.276 mm, 49.53 mm, 49.784 mm, 50.038 mm, 50.292 mm, 50.546 mm, 50.8 mm, 51.054 mm, 51.308 mm, 51.562 mm, 51.816 mm, 52.07 mm, 52.324 mm, 52.578 mm, 52.832 mm, 53.086 mm, 53.34 mm, 53.594 mm, 53.848 mm, 54.102 mm, 54.356 mm, 54.61 mm, 54.864 mm, 55.118 mm, 55.372 mm, 55.626 mm, 55.88 mm, 56.134 mm, 56.388 mm, 56.642 mm, 56.896 mm, 57.15 mm, 57.404 mm, 57.658 mm, 57.912 mm, 58.166 mm, 58.42 mm, 58.674 mm, 58.928 mm, 59.182 mm, 59.436 mm, 59.69 mm, 59.944 mm, 60.198 mm, 60.452 mm, 60.706 mm, 60.96 mm, 61.214 mm, 61.468 mm, 61.976 mm, 62.23 mm, 62.484 mm, 62.738 mm, 62.992 mm, 63.246 mm, 63.5 mm, 63.754 mm, 64.008 mm, 64.262 mm, 64.516 mm, 64.77 mm, 65.024 mm, 65.278 mm, 65.532 mm, 65.786 mm, 66.04 mm, 66.294 mm, 66.548 mm, 66.802 mm, 67.056 mm, 67.31 mm, 67.564 mm, 67.818 mm, 68.072 mm, 68.326 mm, 68.58 mm, 68.834 mm, 69.088 mm, 69.342 mm, 69.596 mm, 69.85 mm, 70.104 mm, 70.358 mm, 70.612 mm, 70.866 mm, 71.12 mm, 71.374 mm, 71.628 mm, 71.882 mm, 72.136 mm, 72.39 mm, 72.644 mm, 72.898 mm, 73.152 mm, 73.406 mm, 73.66 mm, 73.914 mm, 74.168 mm, 74.422 mm, 74.676 mm, 74.93 mm, 75.184 mm, 75.438 mm, 75.692 mm, 75.946 mm, 76.2 mm, 76.454 mm, 76.708 mm, 76.962 mm, 77.216 mm, 77.47 mm, 77.724 mm, 77.978 mm, 78.232 mm, 78.486 mm, 78.74 mm, 78.994 mm, 79.248 mm, 79.502 mm, 79.756 mm, 80.01 mm, 80.264 mm, 80.518 mm, 80.772 mm, 81.026 mm, 81.28 mm, 81.534 mm, 81.788 mm, 82.042 mm, 82.296 mm, 82.55 mm, 82.804 mm, 83.058 mm, 83.312 mm, 83.566 mm, 83.82 mm, 84.074 mm, 84.328 mm, 84.582 mm, 84.836 mm, 85.09 mm, 85.344 mm, 85.598 mm, 85.852 mm, 86.106 mm, 86.36 mm, 86.614 mm, 86.868 mm, 87.122 mm, 87.376 mm, 87.63 mm, 87.884 mm, 88.138 mm, 88.392 mm, 88.646 mm, 88.9 mm, 89.154 mm, 89.408 mm, 89.662 mm, 89.916 mm, 90.17 mm, 90.424 mm, 90.678 mm, 90.932 mm, 91.186 mm, 91.44 mm, 91.694 mm, 91.948 mm, 92.202 mm, 92.456 mm, 92.71 mm, 92.964 mm, 93.218 mm, 93.472 mm, 93.726 mm, 93.98 mm, 94.234 mm, 94.488 mm, 94.742 mm, 94.996 mm, 95.25 mm, 95.504 mm, 95.758 mm, 96.012 mm, 96.266 mm, 96.52 mm, 96.774 mm, 97.028 mm, 97.282 mm, 97.536 mm, 97.79 mm, 98.044 mm, 98.298 mm, 98.552 mm, 98.806 mm, 99.06 mm, 99.314 mm, 99.568 mm, 99.822 mm, 100.076 mm, 100.33 mm, 100.584 mm, 100.838 mm, 101.092 mm, 101.346 mm, 101.6 mm, 101.854 mm, 102.108 mm, 102.362 mm, 102.616 mm, 102.87 mm, 103.124 mm, 103.378 mm, 103.632 mm,

103.886 mm, 104.14 mm, 104.394 mm, 104.648 mm, 104.902 mm, 105.156 mm, 105.41 mm, 105.664 mm, 105.918 mm, 106.172 mm, 106.426 mm, 106.68 mm, 106.934 mm, 107.188 mm, 107.442 mm, 107.696 mm, 107.95 mm, 108.204 mm, 108.458 mm, 108.712 mm, 108.966 mm, 109.22 mm, 109.474 mm, 109.728 mm, 109.982 mm, 110.236 mm, 110.49 mm, 110.744 mm, 110.998 mm, 111.252 mm, 111.506 mm, 111.76 mm, 112.014 mm, 112.268 mm, 112.522 mm, 112.776 mm, 113.03 mm, 113.284 mm, 113.538 mm, 113.792 mm, 114.046 mm, 114.3 mm, 114.554 mm, 114.808 mm, 115.062 mm, 115.316 mm, 115.57 mm, 115.824 mm, 116.078 mm, 116.332 mm, 116.586 mm, 116.84 mm, 117.094 mm, 117.348 mm, 117.602 mm, 117.856 mm, 118.11 mm, 118.364 mm, 118.618 mm, 118.872 mm, 119.126 mm, 119.38 mm, 119.634 mm, 119.888 mm, 120.142 mm, 120.396 mm, 120.65 mm, 120.904 mm, 121.158 mm, 121.412 mm, 121.666 mm, 121.92 mm, 122.174 mm, 122.428 mm, 122.682 mm, 122.936 mm, 123.19 mm, 123.444 mm, 123.698 mm, 123.952 mm, 124.206 mm, 124.46 mm, 124.714 mm, 124.968 mm, 125.222 mm, 125.476 mm, 125.73 mm, 125.984 mm, 126.238 mm, 126.492 mm, 126.746 mm, 127 mm, 127.254 mm, 127.508 mm, 127.762 mm, 128.016 mm, 128.27 mm, 128.524 mm, 128.778 mm, 129.032 mm, 129.286 mm, 129.54 mm, 129.794 mm, 130.048 mm, 130.302 mm, 130.556 mm, 130.81 mm, 131.064 mm, 131.318 mm, 131.572 mm, 131.826 mm, 132.08 mm, 132.334 mm, 132.588 mm, 132.842 mm, 133.096 mm, 133.35 mm, 133.604 mm, 133.858 mm, 134.112 mm, 134.366 mm, 134.62 mm, 134.874 mm, 135.128 mm, 135.382 mm, 135.636 mm, 135.89 mm, 136.144 mm, 136.398 mm, 136.652 mm, 136.906 mm, 137.16 mm, 137.414 mm, 137.668 mm, 137.922 mm, 138.176 mm, 138.43 mm, 138.684 mm, 138.938 mm, 139.192 mm, 139.446 mm, 139.7 mm, 139.954 mm, 140.208 mm, 140.462 mm, 140.716 mm, 140.97 mm, 141.224 mm, 141.478 mm, 141.732 mm, 141.986 mm, 142.24 mm, 142.494 mm, 142.748 mm, 143.002 mm, 143.256 mm, 143.51 mm, 143.764 mm, 144.018 mm, 144.272 mm, 144.526 mm, 144.78 mm, 145.034 mm, 145.288 mm, 145.542 mm, 145.796 mm, 146.05 mm, 146.304 mm, 146.558 mm, 146.812 mm, 147.066 mm, 147.32 mm, 147.574 mm, 147.828 mm, 148.082 mm, 148.336 mm, 148.59 mm, 148.844 mm, 149.098 mm, 149.352 mm, 149.606 mm, 149.86 mm, 150.114 mm, 150.368 mm, 150.622 mm, 150.876 mm, 151.13 mm, 151.384 mm, 151.638 mm, 151.892 mm, 152.146 mm, 152.4 mm

Insulation Outside Diameter Range: 1.24 - 2.07 Inch

Insulation Outside Diameter Range (Metric): 31.5 - 52.6 mm

Material: EPDM Rubber

Maximum Conductor Size (Imperial): 1000 kcmil

Maximum Conductor Size (Metric): 500 mm²

Minimum Conductor Size (Imperial): 250 kcmil

Minimum Conductor Size (Metric): 120 mm²

Mining Sector Approval: Yes

Number of Conductors: 1 , 3

Product Color: Black

Splice Type: Inline

Typical Splice Length: 35 in

Typical Splice Length (Metric): 889 mm

Units per Case: 1.0

Voltage: 15 kV, 46 kV, 5 kV, 8 kV

Voltage Application: Medium Voltage

eClass 14 Classification Group: 27400107

3M™ Splice Kit UF

Details

Moisture-proof electrical connection for type UF-B underground feeder
Designed for use with non-shielded cables
Heavy-wall tubing for high level of moisture protection
4 cylindrical set screw connectors separated by a piece of vinyl insulation
Rated for 600V applications
Withstands a temperature range of -67 to 230 degrees F (-55 to 110 degrees C)
UL Listed and RoHS 2011/65/EU Compliant

Typical properties

Brands: 3M™
Conductor Sizes (Imperial): 10 AWG, 12 AWG, 14 AWG, 8 AWG
Maximum Conductor Size (Metric): 10 mm²
Product Type: Splice
Units per Case: 6.0
Voltage: 600 V

3M™ Cold Shrink Mine and Portable Splice Kit 8043-1, Max. Cable O.D. 1.80 in, 1/Case

3M ID 7000031367 UPC 00054007156680

Details

Perfect for splicing non-shielded cables
Rated for 5 to 8 kV applications
Includes Scotch® 24 electrical shielding tape, cold shrink filler tube, jacket tube, Scotch 13 electrical semi-conducting tape and more
ABS Certified and RoHS 2011/65/EU Compliant

Typical properties

Application: Cable Connection
Brands: 3M™
Cable Shielding: Non-shielded
Cable Type: Cable with rubber insulation
Conductor Sizes (Imperial): 1/0 AWG
Conductor Sizes (Metric): 50 mm²
Halogen Free: No
Insulation Outer Diameter (Imperial): 1.8 in
Insulation Outer Diameter (Metric): 45.7 mm
Material: EPDM Rubber
Maximum Cable Outside Diameter: 1.8 Inch
Maximum Conductor Size (Imperial): 1/0 AWG
Maximum Conductor Size (Metric): 50 mm²
Maximum Recommended Voltage Rating: 8
Minimum Conductor Size (Imperial): 4 AWG
Minimum Conductor Size (Metric): 25 mm²
Minimum Recommended Voltage Rating: 5 Kilovolt
Number of Conductors: 3
Product Color: Black
Splice Type: Inline
Units per Case: 1.0
Voltage: 5 kV, 8 kV
Voltage Application: Medium Voltage
eClass 14 Classification Group: 27400107

3M™ GS Series Ground Strap Assembly Kits

Details

Designed for use with grounding tape and wire-shielded power cables
Rated for 5 to 35 kV applications

Typical properties

Brands: 3M™
Cable Accessory Products: Sealing and Grounding Kits
Product Type: Ground Strap
Units per Case: 9.0

Dimensions and Classifications

Overall Length (Imperial): 4.75 in, 6.87 in, 7.12 in
Overall Width (Imperial): 0.31 in, 0.62 in
Overall Width (Metric): 15.748 mm

3M™ Scotchlok™ Vinyl Insulated Interlock Barrel Female Disconnects

Details

Vinyl-insulated, butted seam with an interlocking barrel and funnel-designed, polyvinyl chloride sleeve offers easy insertion of wires
Dents and rolled edges of this female disconnect terminal offer excellent holding force
Allows for quick and easy disconnect of wires
Mates with 0.25-in wide male tab
Made of durable brass for good conductivity and has corrosion-resistant tin plating
Withstands a temperature range of -40 to 221 degrees F (-40 to 105 degrees C)
Rated 600V for building wire and 1000V for signs, fixtures or luminaires
UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Barrel Inside Diameter: 0.076 Inch, 0.128 Inch
Barrel Length (Imperial): 0.25 Inch
Barrel Style: Interlocking Barrel
CSA File Number: LR22190
Connection Type: Wire
Connection Width (Imperial): 0.25 in
Connection Width (Metric): 6.35 mm
Connector / Connector Tool: Connector
Connector Style: Insulation Displacement
Diameter (D): 0.23 Inch
Disconnect Type: Female
Fastener Orientation: Female
Flame Retardant: No
Fork Type: Standard Fork
Grease Filling Against Corrosion: No
Insulation Color: Yellow
Insulation Material: Vinyl
Interrupt Free Shifting: No
Material: ETP Copper
Mates with Female Width: 0.25 Inch, 0.250 Inch
Mates with Male Tab Width (W'): 0.25 Inch, 0.250 Inch
Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG
Maximum Conductor Size (Metric): 1 mm², 2.5 mm², 6 mm²
Maximum Insulation Outer Diameter (Imperial): 0.145 in, 0.25 in
Maximum Insulation Outer Diameter (Metric): 3.7 mm
Maximum Insulation Outside Diameter: 0.145 in
Maximum Operating Temperature (Celsius): 105 °C
Maximum Operating Temperature (Fahrenheit): 221 °F
Maximum Recommended Voltage Rating: 600 V
Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 22 AWG
Minimum Conductor Size (Metric): .34 mm², 1.5 mm², 4 mm²
Pad Width: 0.25 in
Product Color: Yellow

Solution for: Wireless Network: Infrastructure Accessories
Tab Width: 0.250
Terminal Style: Standard
Terminal Type: Disconnect
UL File Number: E70512
Units per Case: 500.0,1000.0
eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Diameter (Imperial): 0.23 in
Overall Length (Imperial): 0.83 in, 0.95 in
Overall Length (Metric): 24.13 mm
Overall Width (Imperial): 0.37 in

3M™ Scotchlok™ Nylon Insulated with Insulation Grip Locking Forks

Details

Nylon-insulated, butted-seam barrel ensures a secure fit and offers reliable performance

Funnel-designed, seamless brass sleeve offers easy insertion of wires

Spring-like tongue firmly fits around the stud

Made of electrolytic copper for good conductivity and has tin plating for corrosion resistance

Withstands a temperature range of -40 to 221 degrees F (-40 to 105 degrees C)

600V-rated for building wire and 1000V for signs, fixtures or luminaires

UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Barrel Inside Diameter: 0.070 Inch, 0.090 Inch

Barrel Style: Butted

CSA File Number: LR22190

Clearance (C): 0.25 Inch

Dimension E: 0.71 Inch, 0.69 Inch

Fork Type: Locking

Insulation Material: Nylon with Insulation Grip

Material: Plastic

Maximum Conductor Size (Imperial): 14 AWG, 18 AWG

Maximum Conductor Size (Metric): .0823 mm², 2.08 mm²

Maximum Insulation Outer Diameter (Imperial): 0.145 in, 0.17 in

Maximum Insulation Outer Diameter (Metric): 3.7 mm

Maximum Insulation Outside Diameter: 0.145 in

Maximum Lock Width: 0.34 Inch, 0.27 Inch, 0.35 Inch

Maximum Operating Temperature (Celsius): 105 °C

Maximum Operating Temperature (Fahrenheit): 221 °F

Maximum Recommended Voltage Rating: 600 V

Minimum Conductor Size (Imperial): 16 AWG, 22 AWG

Minimum Conductor Size (Metric): 0.326 mm², 1.31 mm²

Product Color: Blue, Red

Stud Diameter (Imperial): 0.138 in

Stud Diameter (Metric): 3.505 mm

Stud Size: #10, #6, #8

Terminal Style: Locking

Terminal Type: Fork

UL File Number: E23438

Units per Case: 500.0

eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Length (Imperial): 0.87 in, 0.89 in

Overall Length (Metric): 22.098 mm, 22.6 mm

Overall Width (Imperial): 0.24 in, 0.25 in, 0.3 in, 0.32 in

Overall Width (Metric): 6.09 mm, 6.35 mm, 8.12 mm

3M™ Scotchlok™ Nylon Insulated with Insulation Grip Standard Forks

Details

Nylon-insulated, butted-seam barrel ensures a secure fit and offers reliable performance
Funnel-designed, seamless brass sleeve offers easy insertion of wires
Wider tongue design for use on free-standing studs
Electrolytic copper construction offers good conductivity
Withstands a temperature range of -40 to 221 degrees F (-40 to 105 degrees C)
600V-rated for building wire and 1000V for signs, fixtures or luminaires
UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Barrel Inside Diameter: 0.070 Inch,0.09 Inch,0.135 Inch
Barrel Length (Imperial): 0.25 Inch
Barrel Style: Butted
CSA File Number: LR22190
Clearance (C): 0.29 Inch
Dimension E: 0.75 Inch,0.84 Inch,0.73 Inch
Fork Type: Standard
Insulation Material: Nylon with Insulation Grip
Material: ETP Copper
Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG
Maximum Conductor Size (Metric): .0823 mm², 2.08 mm², 5.26 mm²
Maximum Insulation Outer Diameter (Imperial): 0.145 in, 0.17 in, 0.25 in
Maximum Insulation Outer Diameter (Metric): 3.7 mm
Maximum Insulation Outside Diameter: 0.145 in
Maximum Operating Temperature (Celsius): 105 °C
Maximum Operating Temperature (Fahrenheit): 221 °F
Maximum Recommended Voltage Rating: 600 V
Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 22 AWG
Minimum Conductor Size (Metric): 0.326 mm², 1.31 mm², 3.31 mm²
Product Color: Blue, Red, Yellow
Stud Diameter (Imperial): 0.164 in
Stud Diameter (Metric): 4.166 mm
Stud Size: #10,#6,#8
Terminal Style: Standard
Terminal Type: Fork
UL File Number: E23438
Units per Case: 500.0,1000.0
eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Length (Imperial): 0.89 in, 0.91 in, 1.03 in
Overall Length (Metric): 22.6 mm, 23.11 mm, 23.114 mm, 26.16 mm
Overall Width (Imperial): 0.34 in, 0.38 in
Overall Width (Metric): 8.6 mm, 8.636 mm, 9.6 mm

3M™ Scotchcast™ Flexible Power Cable Splicing Kits 82-F Series

Details

The self-curing resin forms a splice or repair that resists abrasion
Designed to splice or re-jacket non-shielded portable power cable and portable cord
Suitable for use with compression inline connectors
1 kV-rated for multi-conductor and 5 kV-rated for single-conductor cable applications
MSHA Approved and RoHS 2011/65/EU Compliant
MSHA Approved and RoHS 2011/65/EU Compliant

Typical properties

Cable Accessory Products: Electrical Resins
Cable Outside Diameter Range: 0.80-1.20 inch
Cable Shielding: Non-shielded
Cable Type: multi core, non shielded, rubber insulated reeling cables
Conductor Amount: Multiple, Single
Conductor Sizes (Imperial): Single Conductor - 2/0-4/0 AWG, Single Conductor - 6-1/0 AWG
Connection Max Outside Diameter: Multiple Conductors - 0.90 inch, Multiple Conductors - 1.30 inch, Single Conductor - 0.62 inch, Single Conductor - 0.82 inch
Dielectric Strength (V/mil): 343 V/mil
Flame Retardant: Resin only
Gel Time: 17 min 73 °F (23 °C)
Hardness: 82 Shore A
Indoor/Outdoor: Both
Insulation Outside Diameter Range: 0.25 - 0.80 Inch, 0.80 - 1.20 Inch
Insulation Outside Diameter Range (Metric): 20.0 - 30.0 mm, 6.0 - 20.0 mm
Maximum Conductor Size (Imperial): 4/0 AWG, 6 AWG
Maximum Conductor Size (Metric): 120 mm², 50 mm²
Maximum Insulation Outer Diameter (Imperial): 0.8 in, 1.2 in
Maximum Insulation Outer Diameter (Metric): 20 mm, 30 mm
Maximum Operating Voltage: 5 Kilovolt
Minimum Conductor Size (Imperial): 10 AWG, 4/0 AWG
Minimum Conductor Size (Metric): 120 mm², 6 mm²
Minimum Insulation Outer Diameter (Imperial): 0.25 in, 0.8 in
Minimum Insulation Outer Diameter (Metric): 6 mm, 20 mm
Mining Sector Approval: Yes
Model: Cast Resin
Number of Conductors: 3 , 4
Product Color: Black
Product Series: 82-B Series
Resin Type: SC 2131
Shelf Life: 36 Month
Splice Type: Inline
Voltage: 5 kV (single), 1 kV (multiple)
Voltage Application: Low Voltage

Voltage Rating: 0.6/1 kV
With Screw Connectors: No
eClass 14 Classification Group: 27400107

3M™ Cold Shrink Cable Breakout Boots 8560 Series

Details

Ensures excellent insulation and void-free sealing of cable breakouts
High dry- and wet-insulation resistance
Creates an environmental enclosure for individual cable phases
Has an outer jacket diameter range of 1.3 to 1.94 inches
3-way outlet
Dark gray silicone rubber construction
Withstands temperatures of 221 °F (105 °C)
RoHS 2011/65/EU Compliant

Typical properties

Application: Sealing of the spine cutting stranded cable
Breakout Boot: Yes
Cable Accessory Products: Cable Breakout Boot Kits
Cable Insulation Outside Diameter Range: 1.30-1.95 in, 1.46-2.67 in, 1.92-3.10 in, 2.52-4.32 in
Cable Insulation Outside Diameter Range (Metric): 33.0-49.5 mm, 37.1-67.8 mm, 48.8-78.7 mm, 64.0-109.7 mm
Cable Outside Diameter Range: 2.60-4.70 inch
Cable Shield Diameter Range: 0.48-0.72 in, 0.82-1.18 in, 1.02-1.63 in, 1.09-1.94 in, 1.23-2.17 in, 0.61-0.95 in
Cable Shield Diameter Range (Metric): 20.8–30.0 mm, 27.7–49.3 mm, 25.9–41.4 mm, 12.2–18.3 mm, 15.5–24.1 mm, 31.2–55.1 mm
Dielectric Strength (V/mil): 587 V/mil
Elongation: 780 %
Inner Diameter After Shrink (Imperial): 0.48 in, 0.61 in, 0.82 in, 1.02 in, 1.09 in, 1.23 in
Inner Diameter After Shrink (Metric): 12.2 mm, 15.5 mm, 20.8 mm, 25.9 mm, 27.7 mm, 31.2 mm
Inner Diameter Before Shrink (Imperial): 0.72 in, 0.95 in, 1.18 in, 1.63 in, 1.94 in, 2.17 in
Inner Diameter Before Shrink (Metric): 18.3 mm, 24.1 mm, 30 mm, 41.4 mm, 49.3 mm, 55.1 mm
Inner Diameter Finger After Shrink: 15.5 mm, 20.8 mm
Inner Diameter Finger Before Shrink: 21.3 mm, 33 mm
Insulation Rejacketing: No
Jacket Outside Diameter Range: 1.30 - 1.94 in, 1.46 - 2.67 in, 1.92 - 3.10 in, 2.52 - 4.32 in, 2.60 - 4.70 in
Jacket Outside Diameter Range (Metric): 33.0 - 49.3 mm, 37.1 - 67.8 mm, 48.8 - 78.7 mm, 64.0 - 109.7 mm, 66.0 - 119.4 mm, 80.7 - 140.2 mm
Material: Silicone
Maximum Voltage Rating: 35 kV
Metallic Shield Diameter Range: 0.48 - 0.72 in, 0.61 - 0.95 in, 0.82 - 1.18 in, 1.09 - 1.94 in, 1.28 - 1.62 in
Minimum Bundle Diameter (Metric): 12.2-18.3 mm, 15.5-24.1 mm, 20.8-30.0 mm
Model: Cold-shrink
Operating Temperature (Celsius): Up to 180 °C

Outer Diameter After Shrink (Imperial): 1.3 in, 1.46 in, 1.92 in, 2.52 in, 2.6 in, 3.18 in
Outer Diameter After Shrink (Metric): 33 mm, 37.1 mm, 48.8 mm, 64 mm, 66 mm, 80.7 mm
Outer Diameter Before Shrink (Imperial): 1.94 in, 2.67 in, 3.1 in, 4.32 in, 4.7 in, 5.52 in
Outer Diameter Before Shrink (Metric): 49.3 mm, 67.8 mm, 78.7 mm, 109.7 mm, 119.4 mm, 140.2 mm
Product Color: Gray
Product Type: Cable & Wire Accessory
Shrink Type: Cold Shrink
Temperature Rating: 356°F (180°C) Class H
Tensile Strength (Imperial): 1370 Pound-Force Per Square Inch
Total Length After Shrink: 127 mm, 146 mm
Transition Type: 1 - 3 Breakout
Units per Case: 1.0
eClass 14 Classification Group: 27400109

3M™ ScotchCode™ Wire Marker Write-On Dispensers

Details

Features a write-on area with a transparent self-laminating protective shield to wrap around the written label

Write-on dispenser includes permanent marking pen

Refill rolls available (indicated by -R)

Typical properties

Adhesive Material: Acrylic

Application: Marking Wire and Cable

Cable Diameter Range: 2,3 - 7,8 mm, 4,0 - 12 mm, 6,0 - 35 mm

Dispenser Type: Dispenser with Tape

Dispenser/Marker Type: Write-On Dispenser with Tape & Pen

Kit Includes: Dispenser filled with SLS Tape and 1 SMP pen, Dispenser filled with SLW Tape and 1 SMP pen, Dispenser filled with SWD Tape and 1 SMP pen

Labels Per Roll: 70,170,50

Legend Color: White

Marker ID Style: Write-on

Marker Size: 0.75 inch x 1.375 inch, 1.0 inch x 2.312 inch, 1.0 inch x 5.0 inch

Marker Type: Dispenser

Material: Plastic

Maximum Insulation Outer Diameter (Metric): 3.7 mm

Maximum Insulation Outside Diameter: 0.145 in

Maximum Operating Temperature (Celsius): 49 °C

Maximum Operating Temperature (Fahrenheit): 120 °F

Maximum Outside Diameter: 7.9 mm,33.5 mm

Maximum Recommended Voltage Rating: 600 V

Minimum Outside Diameter: 0.09 Inch,0.23 Inch,0.15 Inch

Printed Text Type: Write-on

Product Color: White

Product Type: Write-on Dispenser

Refill: Tape Roll

Refillable: Yes

Solution for: Access Network: FTTH/FTTB/CATV, Access Network: xDSL, Long-haul/Metro Loop Network: CO/POP, Long-haul/Metro Loop Network: Outdoor, Wireless Network: Backhaul

Units per Case: 10.0

Wire Marker Products: Write-On Dispenser and Refill Rolls

With Label Space: Yes

Write-on Area Size (Imperial): 0.75 inch x 0.312 inch, 1.0 inch x 0.50 inch, 1.0 inch x 0.75 inch

Write-on Area Size (Metric): 19.1 x 7.9 mm,25.4 x 19.1 mm,25.4 x 12.7 mm

Dimensions and Classifications

Overall Width (Metric): 19 mm, 25 mm

3M™ Elbow Surge Arrester

Details

Meets IEEE Standard C62.11 safe-failure mode
Gapless, metal oxide varistor (MOV) arrester
Fully shielded and suitable for submersible applications
Flexible copper ground lead

Typical properties

Brands: 3M™
Current Rating: 200.0 A
Maximum Operating Voltage: 35 kV
eClass 14 Classification Group: 27440308

3M™ Scotchlok™ IDC Connector 905

Details

Red, polypropylene-insulated connector is suitable for tap or parallel splicing
Suitable for use in light fixtures, appliances and other electrical OEM applications
951 accommodates 22 to 18 AWG solid/stranded, 952 accommodates 18 to 14
AWG solid/stranded and 953 accommodates 12 AWG solid/stranded
UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Brands: Scotchlok™
Case Quantity: 500
Conductor Sizes (Imperial): 14 AWG (Run), 18 AWG (Run), 18 AWG (Tap), 22
AWG (Tap)
Conductor Sizes (Metric): .34 mm² (Tap), 1 mm² (Run), 1 mm² (Tap), 2.5 mm²
(Run)
Connection Type: Double Run or Tap
Connector / Connector Tool: 3M Crimping Tool E-9BM and/or 9" Lineman's Pliers
and/or Mechanics (slip joint) Pliers
Connector Style: Insulation Displacement
Flame Retardant: No
Grease Filling Against Corrosion: No
Insulation Color: Red
Insulation Material: Polypropylene
Interrupt Free Shifting: No
Material: Insulator: Polypropylene, U-contact: Tin-plated Copper Alloy, Plastic
Max. Number of Cores: 2
Maximum Conductor Size (Imperial): 14 AWG (Run)
Maximum Conductor Size (Metric): 2.5 mm² (Run)
Maximum Operating Temperature (Celsius): 90 °C
Maximum Operating Temperature (Fahrenheit): 194 °F
Maximum Recommended Voltage Rating: 32 V
Minimum Conductor Size (Imperial): 18 AWG (Run)
Minimum Conductor Size (Metric): .34 mm² (Tap)
Moisture Resistant: No
Package Quantity: 500
Product Color: Red
Product Type: Double Run or Tap
Recommended Crimping Tool: E-9BM or 9 in. Linemans Pliers, E-9BM or 9 in.
Linemans Pliers and/or Mechanics (slip joint) Pliers
Run Maximum Insulation Outer Diameter (Imperial): 0.145 in
Run Maximum Insulation Outer Diameter (Metric): 3.7 mm
Tap Maximum Insulation Outer Diameter (Imperial): 0.11 in, 0.145 in
Tap Maximum Insulation Outer Diameter (Metric): 2.79 mm, 3.7 mm
Units per Case: 5000.0,500.0
Voltage Application: Low Voltage
Wire Connector Type: IDC Connectors
eClass 14 Classification Group: 27400215

3M™ Scotchlok™ Nylon Insulated with Insulation Grip Multi-Stud Ring Tongues

Details

Funnel-designed, seamless brass sleeve offers easy insertion of wires

Multi-stud style ring tongue fits around multiple stud sizes

Stud size #6 to #10

Made of electrolytic copper for good conductivity and has tin plating for corrosion resistance

Withstands a temperature range of -40 to 221 degrees F (-40 to 105 degrees C)

600V-rated for building wire and 1000V for signs, fixtures or luminaires

UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Barrel Inside Diameter: 0.090 Inch

Barrel Style: Butted

CSA File Number: LR22190

Clearance (C): 0.31 Inch

Dimension E: 0.77 Inch

Insulation Color: Blue

Insulation Material: Nylon

Material: Plastic

Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG

Maximum Conductor Size (Metric): 0.823 mm², 2.08 mm², 5.26 mm²

Maximum Insulation Outer Diameter (Imperial): 0.17 in

Maximum Insulation Outer Diameter (Metric): 3.7 mm

Maximum Insulation Outside Diameter: 0.145 in

Maximum Operating Temperature (Celsius): 105 °C

Maximum Operating Temperature (Fahrenheit): 221 °F

Maximum Recommended Voltage Rating: 600 V

Maximum Voltage Rating: 600 to 1000 V

Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 22 AWG

Minimum Conductor Size (Metric): 0.326 mm², 1.31 mm², 3.31 mm²

Minimum Stud Diameter (Imperial): 0.138 in

Minimum Stud Diameter (Metric): 3.5 mm

Operating Temperature Range (Celsius): -40 °C to 105 °C

Operating Temperature Range (Fahrenheit): -40 °F to 221 °F

Product Color: Blue, Red, Yellow

Ring Type: Standard

Stud Size: #6 to #10

Terminal Style: Multi-Stud

Terminal Type: Ring

Type: Standard

UL File Number: E23438

Units per Case: 500.0

Dimensions and Classifications

Overall Length (Imperial): 1 in, 1.02 in, 1.19 in

Overall Length (Metric): 25.4 mm, 25.9 mm, 30.22 mm
Overall Width (Imperial): 0.34 in, 0.39 in
Overall Width (Metric): 8.63 mm, 9.9 mm

3M™ Cold Shrink QS4s Integrated Short Splice Kit 15SP Series

Details

Cold Shrink Design — for quick and easy installation; excellent for cable size transitions

Complete Kit — includes the required products to make one splice

Silicone Rubber Construction — for good high and low temperature performance

Production Tested — partial discharge and A.C. withstand tests to provide reliability

Computer Aided Design — for compact size and optimal distribution of electrical field

Special Electrode Design — minimizes electrical stress at critical cable/splice interface

Smooth Edge Neutral Extension Sock — virtually no frayed edges

Integrated Ground — standard joint includes braid for easy connection to ground

Typical properties

Conductor Sizes (Imperial): 1000 kcmil, 250 kcmil, 300 kcmil, 350 kcmil, 4/0 AWG, 400 kcmil, 500 kcmil, 600 kcmil, 750 kcmil

Voltage: 15 kV

eClass 14 Classification Group: 27400107

3M™ Motor Lead Inline Splice Kits 5311–5314

Details

Designed for use with copper compression, 1 or 2 hole lugs
Has a durable EPDM rubber construction

Typical properties

Application: Used on Cables with a Rated Operating Temperature of 90 deg C and an Emergency Overload Rating of 130 deg C; to Splice (Insulate and Seal) Motor Lead Connections for 1000V and Less Cables Sized 16 AWG to 500 kcmil
Application/Industry: Commercial Construction, Industrial Construction
Cable Shielding: Single Conductor Non-Shielded Cable
Connection Type: Inline, Inline (Non-shielded)
Insulation Outside Diameter: 0.34-0.54 Inch
Insulation Outside Diameter Range: 0.34-0.54 in, 2-1/0 AWG: 0.40-0.54 in / 1/0 AWG-250 kcmil: 0.52-0.80 in, 4/0 AWG-350 kcmil: 0.67-0.91 in / 350-500 kcmil: 0.90-1.05 in, 8 to 4 AWG: 0.30 to 0.36 in
Insulation Outside Diameter Range (Metric): 2-1/0 AWG: 10.2-13.7 mm / 1/0 AWG-250 kcmil: 13.2-20.3 mm, 4/0 AWG-350 kcmil: 17.0-23.1 mm / 350-500 kcmil: 22.9-26.7 mm, 8 to 4 AWG: 7.6 to 9.1 mm, 8.6-13.7 mm
Insulation Outside Diameter by Conductor Size: 4/0 AWG-350 kcmil (0.67-0.91 Inch), 350-500 kcmil (0.90-1.05 Inch), 2-1/0 AWG (0.40-0.54 Inch), 1/0 AWG-250 kcmil (0.52-0.80 Inch), 12-8 AWG (0.17-0.24 Inch), 8-4 AWG (0.30-0.36 Inch)
Insulation Outside Diameter by Conductor Size (Metric): 2-1/0 AWG (10.2-13.7 mm), 1/0 AWG-250 kcmil (13.2-20.3 mm), 4/0 AWG-350 kcmil (17.0-23.1 mm), 350-500 kcmil (22.9-26.7 mm), 12-8 AWG (4.3-6.1 mm), 8-4 AWG (7.6-9.1 mm)
Kit Includes: (3) Adapter Sleeves
Maximum Bolt Length: 1-1/4 in, 1/2 in, 3/4 in
Maximum Bolt Length (Metric): 12.7 mm, 19.1 mm, 31.8 mm
Maximum Feeder Lead Size: 1/0 AWG, 250 kcmil, 4 AWG, 500 kcmil
Maximum Motor Lead Size: 1/0 AWG, 250 kcmil, 4 AWG, 500 kcmil
Maximum Operating Voltage: 1 kV
Product Color: Black
Range Feeder Cable (AWG & kcmil): 1/0-250, 10-4, 2-1/0, 250-500
Splice Cover Inner Diameter: 0.30 in, 12-8 AWG: 0.14 in / 8-4 AWG: 0.24 in, 2-1/0 AWG: 0.50 in / 1/0 AWG-250 kcmil: 0.42 in, 4/0 AWG-350 kcmil: 0.60 in / 350-500 kcmil: 0.84 in
Splice Cover Inner Diameter (Metric): 12-8 AWG: 3.6 mm / 8-4 AWG: 6.1 mm, 2-1/0 AWG: 12.7 mm / 1/0 AWG-250 kcmil: 10.7 mm, 4/0 AWG-350 kcmil: 15.2 mm / 350-500 kcmil: 21.3 mm, 7.6 mm
Splice Cover Length: 12-13 in, 4-5 in, 8-9 in, 9-10 in
Splice Cover Length (Metric): 101.6-127.0 mm, 203.2-228.6 mm, 228.6-254.0 mm, 304.8-330.2 mm
Splice Type: Inline
Units per Case: 1.0
Voltage: 1 kV

3M™ Scotchlok™ Connectors 2000T-CU

Details

They can be used to connect copper cable only

They can be used on concentric, compressed and compact stranded conductors

Typical properties

Barrel Length (Imperial): 0 NP

Compatible Conductor Size (Imperial): 4/0 AWG, 500 kcmil, 750 kcmil

Compatible Conductor Size (Metric): 120 mm², 240 mm², 400 mm²

Material: Copper

Maximum Conductor Size (Imperial): 4/0 AWG, 500 kcmil, 750 kcmil

eClass 14 Classification Group: 15090900

Dimensions and Classifications

Overall Length (Imperial): 5.25 in, 6.9 in

Overall Length (Metric): 133.3 mm, 175.3 mm

3M™ Molded Rubber QS-II Cable Splice Kits 5500 Series

Details

Inline splice to use on tape shield, wire shield, or UniShield® cables
Designed for direct burial installations, as well as indoor and outdoor applications
Peroxide-cured EPDM rubber construction provides physical protection
Rated for 15 kV cables
Factory-tested to offer reliability
Meets the requirements of IEEE 404 standards

Typical properties

Cable Shielding: Concentric Neutral (CN), Tape Shield, UniShield®, Wire Shield
Case Quantity: 1
Conductor Material: Aluminum, Copper
Connector Included: 20006, CI-1/0, CI-2/0, CI-21, CI-4/0, None
Insulation O.D. Range: 0.637 - 0.900 Inch, 0.84 - 1.05 Inch
Insulation Outer Diameter (Imperial): 0.63 in, 0.64 in, 0.65 in, 0.66 in, 0.67 in, 0.68 in, 0.69 in, 0.7 in, 0.71 in, 0.72 in, 0.73 in, 0.74 in, 0.75 in, 0.76 in, 0.77 in, 0.78 in, 0.79 in, 0.8 in, 0.81 in, 0.82 in, 0.83 in, 0.84 in, 0.85 in, 0.86 in, 0.87 in, 0.88 in, 0.89 in, 0.9 in, 0.91 in, 0.92 in, 0.93 in, 0.94 in, 0.95 in, 0.96 in, 0.97 in, 0.98 in, 0.99 in, 1 in, 1.01 in, 1.02 in, 1.03 in, 1.04 in, 1.05 in
Insulation Outer Diameter (Metric): 16 mm, 16.256 mm, 16.51 mm, 16.764 mm, 17.018 mm, 17.272 mm, 17.526 mm, 17.78 mm, 18.034 mm, 18.288 mm, 18.542 mm, 18.796 mm, 19.05 mm, 19.304 mm, 19.558 mm, 19.812 mm, 20.066 mm, 20.32 mm, 20.574 mm, 20.828 mm, 21.082 mm, 21.336 mm, 21.59 mm, 21.844 mm, 22.098 mm, 22.352 mm, 22.606 mm, 22.86 mm, 23.114 mm, 23.368 mm, 23.622 mm, 23.876 mm, 24.13 mm, 24.384 mm, 24.638 mm, 24.892 mm, 25.146 mm, 25.4 mm, 25.654 mm, 25.908 mm, 26.162 mm, 26.416 mm, 26.67 mm
Insulation Outside Diameter Range: 0.637 - 0.900 Inch, 0.84 - 1.05 Inch
Insulation Outside Diameter Range (Metric): 16.2 - 22.9 mm, 21.3 - 26.7 mm
Maximum Conductor Size (Imperial): 1 AWG (Stranded), 1/0 AWG (Stranded), 2 AWG (Stranded), 2/0 AWG (Stranded), 250 kcmil (Stranded), 3/0 AWG (Stranded), 4 AWG (Stranded), 4/0 AWG (Stranded)
Maximum Conductor Size (Metric): 120 mm² (Stranded), 25 mm² (Stranded), 35 mm² (Stranded), 50 mm² (Solid), 50 mm² (Stranded), 70 mm² (Stranded), 95 mm² (Stranded)
Minimum Conductor Size (Imperial): 2 AWG (Stranded)
Minimum Conductor Size (Metric): 35 mm² (Stranded)
Number of Conductors: 1
Operating Voltage: 15 kV
Product Series: 5500 Series
Product Type: Inline
Splice Type: Inline
Voltage: 25/28 kV

3M™ Cold Shrink QT-III Termination Kit with Jumper Wire Top Insulator 7640-S & 7650-S Series

Details

Provides a void-free seal to jacketed concentric neutral and concentric neutral power cables
High dielectric-constant material regulates the distribution of electric field stress
Suitable for outdoor applications
Integrated, jumper wire-top insulator and step-core design allows for easier installation, while sealing compounds provide constant radial pressure

Typical properties

BIL: 150 kV

Brands: 3M™

Breakout Boot: No

Cable Insulation Outside Diameter Range: 0.64-1.08 in, 0.72-1.29 in, 0.83-1.53 in, 1.05-1.80 in, 1.15-1.98 in

Cable Insulation Outside Diameter Range (Metric): 16.3 - 27.4 mm, 18.3-32.8 mm, 21.1 - 38.9 mm, 26.7 - 45.7 mm, 29,2-50,3 mm

Cable Shielding: Concentric Neutral (CN), Jacketed Concentric Neutral (JCN), Tape Shield, UniShield®, Wire Shield

Case Quantity: 1

Compatible Lug: QL2-A-4/0-600,QL2-A-2-250,QL2-A-500-1000,QL2-A-350-750,QL2-A-1/0-350

Conductor Sizes (Imperial): 1 AWG, 1/0 AWG, 1000 kcmil, 1250 kcmil, 1500 kcmil, 2 AWG, 2/0 AWG, 250 kcmil, 3/0 AWG, 300 kcmil, 350 kcmil, 4/0 AWG, 400 kcmil, 450 kcmil, 500 kcmil, 600 kcmil, 700 kcmil, 750 kcmil, 800 kcmil, 900 kcmil

Indoor/Outdoor: Outdoor Skirted

Insulation Level: 100%, 133%

Insulation Outer Diameter (Imperial): 0.64 in, 0.65 in, 0.66 in, 0.67 in, 0.68 in, 0.69 in, 0.7 in, 0.71 in, 0.72 in, 0.73 in, 0.74 in, 0.75 in, 0.76 in, 0.77 in, 0.78 in, 0.79 in, 0.8 in, 0.81 in, 0.82 in, 0.83 in, 0.84 in, 0.85 in, 0.86 in, 0.87 in, 0.88 in, 0.89 in, 0.9 in, 0.91 in, 0.92 in, 0.93 in, 0.94 in, 0.95 in, 0.96 in, 0.97 in, 0.98 in, 0.99 in, 1 in, 1.01 in, 1.02 in, 1.03 in, 1.04 in, 1.05 in, 1.06 in, 1.07 in, 1.08 in, 1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in, 1.16 in, 1.17 in, 1.18 in, 1.19 in, 1.2 in, 1.21 in, 1.22 in, 1.23 in, 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in, 1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in, 1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in, 1.49 in, 1.5 in, 1.51 in, 1.52 in, 1.53 in, 1.54 in, 1.55 in, 1.56 in, 1.57 in, 1.58 in, 1.59 in, 1.6 in, 1.61 in, 1.62 in, 1.63 in, 1.64 in, 1.65 in, 1.66 in, 1.67 in, 1.68 in, 1.69 in, 1.7 in, 1.71 in, 1.72 in, 1.73 in, 1.74 in, 1.75 in, 1.76 in, 1.77 in, 1.78 in, 1.79 in, 1.8 in, 1.81 in, 1.82 in, 1.83 in, 1.84 in, 1.85 in, 1.86 in, 1.87 in, 1.88 in, 1.89 in, 1.9 in, 1.91 in, 1.92 in, 1.93 in, 1.94 in, 1.95 in, 1.96 in, 1.97 in, 1.98 in
Insulation Outer Diameter (Metric): 11.684 mm, 16.256 mm, 16.51 mm, 16.764 mm, 17.018 mm, 17.272 mm, 17.526 mm, 17.78 mm, 18.034 mm, 18.288 mm, 18.542 mm, 18.796 mm, 19.05 mm, 19.304 mm, 19.558 mm, 19.812 mm, 20.066 mm, 20.32 mm, 20.574 mm, 20.828 mm, 21.082 mm, 21.336 mm, 21.59 mm, 21.844 mm, 22.098 mm, 22.352 mm, 22.606 mm, 22.86 mm, 23.114 mm, 23.368 mm

mm, 23.622 mm, 23.876 mm, 24.13 mm, 24.384 mm, 24.638 mm, 24.892 mm, 25.146 mm, 25.4 mm, 25.654 mm, 25.908 mm, 26.162 mm, 26.416 mm, 26.67 mm, 26.924 mm, 27.178 mm, 27.432 mm, 27.686 mm, 27.94 mm, 28.194 mm, 28.448 mm, 28.702 mm, 28.956 mm, 29.21 mm, 29.464 mm, 29.718 mm, 29.972 mm, 30.226 mm, 30.48 mm, 30.734 mm, 30.988 mm, 31.242 mm, 31.496 mm, 31.75 mm, 32.004 mm, 32.258 mm, 32.512 mm, 32.766 mm, 33.02 mm, 33.274 mm, 33.528 mm, 33.782 mm, 34.036 mm, 34.29 mm, 34.544 mm, 34.798 mm, 35.052 mm, 35.306 mm, 35.56 mm, 35.814 mm, 36.068 mm, 36.322 mm, 36.576 mm, 36.83 mm, 37.084 mm, 37.338 mm, 37.592 mm, 37.846 mm, 38.1 mm, 38.354 mm, 38.608 mm, 38.862 mm, 39.116 mm, 39.37 mm, 39.624 mm, 39.878 mm, 40.132 mm, 40.386 mm, 40.64 mm, 40.894 mm, 41.148 mm, 41.402 mm, 41.656 mm, 41.91 mm, 42.164 mm, 42.418 mm, 42.672 mm, 42.926 mm, 43.18 mm, 43.434 mm, 43.688 mm, 43.942 mm, 44.196 mm, 44.45 mm, 44.704 mm, 44.958 mm, 45.212 mm, 45.466 mm, 45.72 mm, 45.974 mm, 46.228 mm, 46.482 mm, 46.736 mm, 46.99 mm, 47.244 mm, 47.498 mm, 47.752 mm, 48.006 mm, 48.26 mm, 48.514 mm, 48.768 mm, 49.022 mm, 49.276 mm, 49.53 mm, 49.784 mm, 50.038 mm, 50.292 mm

Insulation Rejacketing: No

Jacket Outside Diameter Range: 0.97-1.48 Inch, 1.04-1.60 Inch, 1.12-1.87 Inch, 1.39-2.40 Inch

Jacket Outside Diameter Range (Metric): 24.6-37.6 mm, 26.4-40.6 mm, 28.4-47.5 mm, 35.3-61.0 mm

Lug/Stem Connector Included in Kit: No

Maximum Installed Length: 12.25 in

Metallic Shield Diameter Range: 0.60-0.80 in

Number of Conductors: 1 , 3

Number of Skirts: 4

Operating Temperature (Celsius): 90

Operating Temperature (Fahrenheit): 194

Product Color: Black

Product Series: 7640-S-TI, 7650-S-TI Series

Product Type: Termination Kit

Type: Cold Shrink QT-III

Units per Case: 1.0

Voltage: 15 kV, 25 kV, 25/28 kV, 28 kV, 35 kV, 5 kV, 8 kV

eClass 14 Classification Group: 27400102

3M™ Cold Shrink QS-III Inline CN/JCN Splice Kits 5415A, 5416A, 5417A and 5418A Series

Details

Inline splice for joining jacketed concentric neutral (JCN) and concentric neutral (CN) power cables

Special electrode design of the kit reduces the electrical stress at a critical cable/splice interface

Designed for feeder and distribution circuits, size transition splicing, direct burial installations, submerged locations and use with standard inline crimp connectors
Silicon rubber-splice body provides good high and low temperature performance, and the EPDM rubber jacket offers physical protection

Rated for 15 kV class cables

Factory-tested partial discharge and AC ensure reliability

Typical properties

Application: Cable Connection

Cable Shielding: Concentric Neutral (CN), Jacketed Concentric Neutral (JCN)

Conductor Material: Aluminum, Copper

Conductor Sizes (Imperial): 1/0 AWG, 1000 kcmil, 2 AWG, 2/0 AWG, 250 kcmil, 3/0 AWG, 350 kcmil, 4/0 AWG, 500 kcmil, 750 kcmil

Insulation Level: 1.33, 100%, 133%

Insulation Outer Diameter (Imperial): 0.64 in, 0.65 in, 0.66 in, 0.67 in, 0.68 in, 0.69 in, 0.7 in, 0.71 in, 0.72 in, 0.73 in, 0.74 in, 0.75 in, 0.76 in, 0.77 in, 0.78 in, 0.79 in, 0.8 in, 0.81 in, 0.82 in, 0.83 in, 0.84 in, 0.85 in, 0.86 in, 0.87 in, 0.88 in, 0.89 in, 0.9 in, 0.91 in, 0.92 in, 0.93 in, 0.94 in, 0.95 in, 0.96 in, 0.97 in, 0.98 in, 0.99 in, 1 in, 1.01 in, 1.02 in, 1.03 in, 1.04 in, 1.05 in, 1.06 in, 1.07 in, 1.08 in, 1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in, 1.16 in, 1.17 in, 1.18 in, 1.19 in, 1.2 in, 1.21 in, 1.22 in, 1.23 in, 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in, 1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in, 1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in, 1.49 in, 1.5 in, 1.51 in, 1.52 in, 1.53 in, 1.54 in, 1.55 in, 1.56 in, 1.57 in, 1.58 in, 1.59 in, 1.6 in, 1.61 in, 1.62 in, 1.63 in, 1.64 in, 1.65 in, 1.66 in, 1.67 in, 1.68 in, 1.69 in, 1.7 in

Material: EPDM Rubber

Maximum Conductor Size (Imperial): 1000 kcmil, 4/0 AWG

Maximum Conductor Size (Metric): 500 mm², 95 mm²

Minimum Conductor Size (Imperial): 2/0 AWG, 500 kcmil

Minimum Conductor Size (Metric): 240 mm², 35 mm²

Number of Conductors: 1

Product Color: Black

Product Series: 5415A, 5418A, 5610A

Splice Type: Cold Shrink

Voltage: 15 kV

eClass 14 Classification Group: 27400107

3M™ Cold Shrink QS4 Integrated Splice Kits 15-TS Series

Details

Inline splice for joining tape shield, wire shield, UniShield® and LC power cables
Special-electrode design reduces electrical stress at critical cable and splice interface

Designed for feeder and distribution circuits, size transition splicing, direct-burial installations and submerged locations

Rated for 15 kV applications

Withstands a temperature range of 221 to 284 °F (105 to 140 °C)

Typical properties

Cable Shielding: Longitudinally Corrugated (LC), Tape Shield, UniShield®, Wire Shield

Conductor Material: Aluminum, Copper

Conductor Sizes (Imperial): 1 AWG, 1/0 AWG, 1000 kcmil, 2 AWG, 2/0 AWG, 250 kcmil, 3/0 AWG, 300 kcmil, 350 kcmil, 4/0 AWG, 400 kcmil, 500 kcmil, 600 kcmil, 700 kcmil, 750 kcmil, 800 kcmil, 900 kcmil

Insulation Level: 1.33, 100%, 133%

Insulation Outer Diameter (Imperial): 0.64 in, 0.65 in, 0.66 in, 0.67 in, 0.68 in, 0.69 in, 0.7 in, 0.71 in, 0.72 in, 0.73 in, 0.74 in, 0.75 in, 0.76 in, 0.77 in, 0.78 in, 0.79 in, 0.8 in, 0.81 in, 0.82 in, 0.83 in, 0.84 in, 0.85 in, 0.86 in, 0.87 in, 0.88 in, 0.89 in, 0.9 in, 0.91 in, 0.92 in, 0.93 in, 0.94 in, 0.95 in, 0.96 in, 0.97 in, 0.98 in, 0.99 in, 1 in, 1.01 in, 1.02 in, 1.03 in, 1.04 in, 1.05 in, 1.06 in, 1.07 in, 1.08 in, 1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in, 1.16 in, 1.17 in, 1.18 in, 1.19 in, 1.2 in, 1.21 in, 1.22 in, 1.23 in, 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in, 1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in, 1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in, 1.49 in, 1.5 in, 1.51 in, 1.52 in, 1.53 in, 1.54 in, 1.55 in, 1.56 in, 1.57 in, 1.58 in, 1.59 in, 1.6 in, 1.61 in, 1.62 in, 1.63 in, 1.64 in, 1.65 in, 1.66 in, 1.67 in, 1.68 in, 1.69 in, 1.7 in

Insulation Outside Diameter Range: 0.64 - 1.01 Inch, 0.84 - 1.38 Inch, 1.04 - 1.70 Inch, 1.07 - 1.70 Inch

Insulation Outside Diameter Range (Metric): 16.3 - 25.7 mm, 21.3 - 35.1 mm, 26.4 - 43.2 mm, 27.4 - 43.2 mm

Number of Conductors: 1

Product Series: QS4

Splice Type: Cold Shrink

Voltage: 15 kV, 25/28 kV

eClass 14 Classification Group: 27400107

3M™ Scotchlok™ Nylon Fully Insulated with Insulation Grip Interlock Barrel Female Disconnects

Details

Dents and rolled edges of this female disconnect terminal offer excellent holding force

Allows for quick and easy disconnect of wires

Mates with 0.25-in wide male tab

Made of durable brass for good conductivity and has corrosion-resistant tin plating

Withstands a temperature range of -40 to 221 degrees F (-40 to 105 degrees C)

Rated 600V for building wire and 1000V for signs, fixtures or luminaires

UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Barrel Inside Diameter: 0.080 Inch,0.165 Inch,0.08 Inch

Barrel Length (Imperial): 0.25 Inch

Barrel Style: Interlocking Barrel

CSA File Number: LR22190

Connection Type: Wire

Connection Width (Imperial): 0.25 in

Connection Width (Metric): 6.35 mm

Connector / Connector Tool: Connector

Connector Style: Insulation Displacement

Diameter (D): 0.23 Inch

Disconnect Type: Female

Fastener Orientation: Female

Flame Retardant: No

Grease Filling Against Corrosion: No

Insulation Color: Yellow

Insulation Material: Nylon with Insulation Grip

Interrupt Free Shifting: No

Male Tab Width (W'): 0.250 Inch

Material: ETP Copper

Mates with Female Width: 0.25 Inch

Mates with Male Tab Width (W'): 0.25 Inch

Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG

Maximum Conductor Size (Metric): 1 mm², 2.5 mm², 6 mm²

Maximum Insulation Outer Diameter (Imperial): 0.145 in, 0.25 in

Maximum Insulation Outer Diameter (Metric): 3.7 mm

Maximum Insulation Outside Diameter: 0.145 in

Maximum Operating Temperature (Celsius): 105 °C

Maximum Operating Temperature (Fahrenheit): 221 °F

Maximum Recommended Voltage Rating: 600 V

Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 22 AWG

Minimum Conductor Size (Metric): .34 mm², 1.5 mm², 4 mm²

Pad Width: 0.25 in

Product Color: Yellow

Tab Width: 0.250,0.187

Terminal Style: Fully Insulated
Terminal Type: Disconnect
UL File Number: E70512
Units per Case: 500.0,1000.0
eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Diameter (Imperial): 0.23 in
Overall Length (Imperial): 0.83 in, 0.94 in
Overall Length (Metric): 23.87 mm
Overall Width (Imperial): 0.37 in

3M™ Modified Polyvinylidene Fluoride Heat Shrink Tubing MFP

Details

Transparent insulation for easy, see-through inspection and identification
Offers shrink-fit protection and strain relief of wires, solder joints, terminals and connections
Suitable for marking electronics and appliances
Made of clear semi-rigid, modified polyvinylidene fluoride
Withstands temperatures of -67 to 347 degrees F (-55 to 175 degrees C)
Flame-retardant tubing is rated for 600V applications

Typical properties

Agency Approvals: UL Recognized, CSA Certified and AMS 3632, UL, CSA
Applicable SAE-AMS-DTL-23053 Specifications: 23053/8 and 23053/18 class 1
Elongation: 350 %, 350 Decibel
Expanded Inner Diameter: 0.06 in, 0.125 in, 0.375 in, 0.5 in
Expanded Inner Diameter (Metric): 1.17 mm, 1.6 mm, 12.70 mm, 19.05 mm, 2.36 mm, 25.40 mm, 3.18 mm, 4.75 mm, 6.35 mm, 9.53 mm
Flammability Rating: UL 224 VW-1 / CSA Oft
Heat Shrink Type: Specialty Polymer Tubing
Inner Diameter After Shrink (Imperial): 0.02 in, 0.023 in, 0.03 in, 0.031 in, 0.046 in, 0.06 in, 0.062 in, 0.093 in, 0.125 in, 0.187 in, 0.195 in, 0.25 in, 0.312 in, 0.375 in, 0.5 in
Inner Diameter After Shrink (Metric): 0.58 mm, 0.79 mm, 0.8 mm, 1.17 mm, 1.52 mm, 1.57 mm, 2.36 mm, 3.18 mm, 4.75 mm, 5 mm, 6.35 mm, 7.93 mm, 9.53 mm, 12.7 mm, 58 mm
Inner Diameter Before Shrink (Imperial): 0.04 in, 0.046 in, 0.06 in, 0.063 in, 0.093 in, 0.125 in, 0.187 in, 0.25 in, 0.375 in, 0.5 in, 0.625 in, 0.75 in, 1 in
Inner Diameter Before Shrink (Metric): 1.17 mm, 1.6 mm, 2.36 mm, 3.18 mm, 4.75 mm, 4.8 mm, 6.35 mm, 9.53 mm, 12.7 mm, 15.87 mm, 19.05 mm, 25.4 mm
Material: Polyvinylidene Fluoride
Maximum Operating Temperature (Celsius): 135 °C, 175 °C
Maximum Operating Temperature (Fahrenheit): 230 °F, 275 °F, 347 °F
Mil Spec: AMS-DTL-23053/8 and AMS-DTL-23053/18, Class 1
Minimum Expanded Tubing I. D.: 0.04 in, 0.063 in, 0.125 in, 0.187 in, 0.25 in, 0.375 in, 0.5 in, 1 in, 3 in, 5 in
Non-Corrosive: Yes
Operating Temperature Range (Celsius): -55 °C to +175 °C
Operating Temperature Range (Fahrenheit): -67 °F to 375 °F
Product Color: Transparent
Product Form: 48 in (1.22 m) sticks, 48 in (1.22 m) sticks with header label, 6 in (15.24 cm) pieces, Stick
Recovered Inner Diameter: 0.02 in, 0.03 in, 0.05 in, 0.06 in, 0.09 in, 0.093 in, 0.125 in, 0.13 in, 0.187 in, 0.19 in, 0.25 in, 0.31 in, 0.38 in, 1 in
Recovered Inner Diameter (Metric): 0.58 mm, 0.8 mm, 1.17 mm, 1.57 mm, 2.36 mm, 3.175 mm, 3.18 mm, 4.7498 mm, 4.75 mm, 6.4 mm, 7.9 mm, 9.52 mm, 12.7 mm
Recovered Inner Diameter Millimetres: 0.79 mm, 1.57 mm, 2.36 mm, 3.18 mm, 4.75 mm, 6.35 mm

Shrink Ratio: 2:1

Size (Metric): 2.38 mm, 1.17 mm, 9.52 mil, 15.88 mm, 1.59 mm, 4.75 mm, 9.52 mm, 6.35 mil, 19.05 mm, 6.35 mm, 12.7 mm, 3.18 mm, 25.4 mm

Tubing Type: Special Purpose, Polyvinylidene Fluoride

UL Bug Temperature (Fahrenheit): 301 Degrees Fahrenheit

UL Bug Voltage: 600 Volt

Units per Case: 25.0, 12.0, 50.0, 250.0, 5.0, 30.0, 100.0, 125.0

eClass 14 Classification Group: 27400105

Dimensions and Classifications

Overall Length (Imperial): 4 ft, 6 in, 48 in

Overall Length (Metric): 1219 mm

3M™ Deadbreak Component

Details

Meets IEEE Standard 386
Connecting system component
Interchangeability per IEEE standard 386

Typical properties

Brands: 3M™
Current Rating: 600.0 A
Maximum Operating Voltage: 33 kV, 35 kV
Product Type: Dead Break
eClass 14 Classification Group: 27440308

3M™ Scotchlok™ IDC Connector 314U

Details

White cap and white body nylon-insulated connector is suitable to connect 2 or 3 wires

Accommodates a wire range of 1,5 - 2,5 mm² solid or stranded

Typical properties

Brands: Scotchlok™

CSA File Number: LR15503

Case Quantity: 500

Conductor Sizes (Imperial): 14 AWG, 22 AWG

Conductor Sizes (Metric): .34 mm², 0.5 mm², 1.5 mm², 2.5 mm²

Connection Type: Pigtail

Connector Style: Insulation Displacement

Flame Retardant: Yes

Grease Filling Against Corrosion: No

Insulation Color: White

Insulation Material: Nylon

Insulation Outer Diameter (Imperial): 0.15 in, 0.155 in

Interrupt Free Shifting: No

Material: Flame Retardant Nylon, Plastic

Max. Number of Cores: 3

Maximum Conductor Size (Imperial): 14 AWG

Maximum Conductor Size (Metric): 1.5 mm², 2.5 mm²

Maximum Operating Temperature (Celsius): 105 °C

Maximum Operating Temperature (Fahrenheit): 221 °F

Maximum Recommended Voltage Rating: 600 V

Minimum Conductor Size (Imperial): 22 AWG

Minimum Conductor Size (Metric): .34 mm², 0.5 mm²

Moisture Resistant: No

Package Quantity: 1000

Product Color: White

Product Type: Connector

Recommended Crimping Tool: E-9BM or 9 in. Linemans Pliers

Run Maximum Insulation Outer Diameter (Imperial): 0.155 in

Run Maximum Insulation Outer Diameter (Metric): 3.9 mm

Tap Maximum Insulation Outer Diameter (Imperial): 0.155 in

Tap Maximum Insulation Outer Diameter (Metric): 3.9 mm

UL File Number: E23438

Units per Case: 500.0

Voltage Application: Low Voltage

Wire Connector Type: IDC Connectors

eClass 14 Classification Group: 27400215

3M™ Scotchlok™ IDC Connector 903

Details

Yellow, polypropylene-insulated connector is suitable for tap or parallel splicing
Electrically connects 2 wires in a tap, inline, pigtail or double run installation
Accommodates 12 -10 AWG solid or stranded copper conductors
RoHS 2011/65/EU Compliant

Typical properties

Brands: Scotchlok™
Flame Retardant: Yes
Insulation Color: Yellow
Maximum Operating Temperature (Celsius): 90 °C
Maximum Operating Temperature (Fahrenheit): 194 °F
Moisture Resistant: No
Product Color: Yellow
Product Type: Connector
eClass 14 Classification Group: 27400215

3M™ Cold Shrink Splice Kit 5551-3C-AC

Typical properties

Application: Cable Connection
Cable Shielding: Tape Shield, UniShield®, Wire Shield
Cable Type: Cable with rubber insulation
Case Quantity: 1
Conductor Material: Aluminum, Copper
Conductor Sizes (Imperial): 4/0 AWG
Conductor Sizes (Metric): 120 mm²
Halogen Free: No
Insulation Level: 100%, 133%
Insulation O.D. Range: 0.37-0.78 Inch
Insulation O.D. Range (Metric): 9.4 - 19.8 mm
Insulation Outer Diameter (Imperial): 0.37 in, 0.38 in, 0.39 in, 0.4 in, 0.41 in, 0.42 in, 0.43 in, 0.44 in, 0.45 in, 0.46 in, 0.47 in, 0.48 in, 0.49 in, 0.5 in, 0.51 in, 0.52 in, 0.53 in, 0.54 in, 0.55 in, 0.56 in, 0.57 in, 0.58 in, 0.59 in, 0.6 in, 0.61 in, 0.62 in, 0.63 in, 0.64 in, 0.65 in, 0.66 in, 0.67 in, 0.68 in, 0.69 in, 0.7 in, 0.71 in, 0.72 in, 0.73 in, 0.74 in, 0.75 in, 0.76 in, 0.77 in, 0.78 in, 0.79 in, 0.8 in, 0.81 in, 0.82 in, 0.83 in, 0.84 in, 0.85 in, 0.86 in, 0.87 in, 0.88 in
Insulation Outer Diameter (Metric): 9.398 mm, 9.652 mm, 9.906 mm, 10.16 mm, 10.414 mm, 10.668 mm, 10.922 mm, 11.176 mm, 11.43 mm, 11.684 mm, 11.938 mm, 12.192 mm, 12.446 mm, 12.7 mm, 12.954 mm, 13.208 mm, 13.462 mm, 13.716 mm, 13.97 mm, 14.224 mm, 14.478 mm, 14.732 mm, 14.986 mm, 15.24 mm, 15.494 mm, 15.748 mm, 16.002 mm, 16.256 mm, 16.51 mm, 16.764 mm, 17.018 mm, 17.272 mm, 17.526 mm, 17.78 mm, 18.034 mm, 18.288 mm, 18.542 mm, 18.796 mm, 19.05 mm, 19.304 mm, 19.558 mm, 19.812 mm
Material: EPDM Rubber
Maximum Conductor Size (Imperial): 3/0 AWG (Aluminum), 4/0 AWG (Copper)
Maximum Conductor Size (Metric): 120 mm² (Copper), 95 mm² (Aluminum)
Maximum Connector Length: 2.7 inch, 2.7 inch (Al), 3.3 inch (Cu)
Maximum Connector Length (Metric): 68.6 mm, 69 mm (Al), 84 mm (Cu)
Minimum Conductor Size (Imperial): 6 AWG (Aluminum), 6 AWG (Copper)
Minimum Conductor Size (Metric): 16 mm² (Aluminum), 16 mm² (Copper)
Model: Cold Shrink
Number of Conductors: 1 , 3
Product Color: Black
Product Series: 5550 Series, 5551-3C-AC Series
Splice Type: Cold Shrink, Inline
Suggested Accessory: 3M™ Ground Strap Assembly GS-1
Typical Splice Length: 19.0 in, 34 in
Typical Splice Length (Metric): 482.6 mm, 864 mm
Units per Case: 1.0
Voltage: 5 kV, 5/8 kV, 8 kV
Voltage Application: Medium Voltage
eClass 14 Classification Group: 27400107

Dimensions and Classifications

Overall Length (Imperial): 19 in

Overall Length (Metric): 483 mm

3M™ Copper Compression Connectors

Details

Simple installation using readily available tools
Integral center cable stop
Manufactured using tin-plated copper
Color coded printing for easy connector identification

Typical properties

Barrel Length (Imperial): 0 NP

Brands: Scotchlok™

Compatible Conductor Size (Imperial): 1 AWG, 1/0 AWG, 1000 kcmil, 2 AWG, 2/0 AWG, 250 kcmil, 3/0 AWG, 300 kcmil, 350 kcmil, 4 AWG, 4/0 AWG, 500 kcmil, 6 AWG, 750 kcmil

Compatible Conductor Size (Metric): 120 mm², 150 mm², 16 mm², 185 mm², 240 mm², 25 mm², 35 mm², 400 mm², 50 mm², 500 mm², 70 mm², 95 mm²

Material: Copper

Maximum Conductor Size (Imperial): 1 AWG, 1/0 AWG, 1000 kcmil, 2 AWG, 2/0 AWG, 250 kcmil, 3/0 AWG, 300 kcmil, 350 kcmil, 4 AWG, 4/0 AWG, 500 kcmil, 6 AWG, 750 kcmil

eClass 14 Classification Group: 15090900

Dimensions and Classifications

Overall Length (Imperial): 1.75 in, 1.88 in, 2 in, 2.13 in, 2.25 in, 2.38 in, 2.88 in, 3.38 in, 3.88 in

Overall Length (Metric): 44.4 mm, 47.7 mm, 50.8 mm, 54 mm, 57.2 mm, 60.4 mm, 73.2 mm, 85.8 mm, 98.5 mm

3M™ Cold Shrink QT-II Outdoor Termination Kits 6020K Series

Details

One-piece cold shrink termination
High dielectric-constant material regulates the distribution of electric field stress
Suitable for weather protected areas (indoor)
Silicone rubber insulation is track-resistance and hydrophobic
Silicone cold shrink application provides constant radial pressure, "living seal"
Comes with sufficient materials to make 3 terminations
Meets IEEE Standard 48 Class 1 for outdoor, weather protected applications.
Withstand voltages of 15 to 25/28 kV, 125 kV BIL - rated

Typical properties

BIL: 125 kV
Brands: 3M™
Breakout Boot: No
Cable Insulation Outside Diameter Range: 0.64-0.90 in, 0.84-1.33 in, 1.10-1.65 in, 1.30-1.95 in
Cable Insulation Outside Diameter Range (Metric): 16.3-22.9 mm, 21.3-33.8 mm, 27.9-41.9 mm, 33.0-49.5 mm
Cable Minimum Outside Diameter: 0.50 in
Cable Minimum Outside Diameter (Metric): 12.7 mm
Cable Shielding: Tape Shield, UniShield®, Wire Shield, Wire-Over-Tape Shield
Cable Type: Shielded
Case Quantity: 1
Conductor Sizes (Imperial): 1 AWG, 1/0 AWG, 1000 kcmil, 1250 kcmil, 1500 kcmil, 1750 kcmil, 2 AWG, 2/0 AWG, 250 kcmil, 3/0 AWG, 300 kcmil, 350 kcmil, 4 AWG, 4/0 AWG, 400 kcmil, 500 kcmil, 600 kcmil, 700 kcmil, 750 kcmil, 800 kcmil, 900 kcmil
Connector Maximum Installed Length: 4.50 in
Connector Maximum Installed Length (Metric): 114 mm
Connector Maximum Outside Diameter: 1.60 in
Connector Maximum Outside Diameter (Metric): 40.6 mm
Dielectric Strength (V/mil): 507 V/mil
Indoor/Outdoor: Indoor Non-skirted
Insulation Level: 100%, 133%
Insulation Outer Diameter (Imperial): 0.64 in, 0.65 in, 0.66 in, 0.67 in, 0.68 in, 0.69 in, 0.7 in, 0.71 in, 0.72 in, 0.73 in, 0.74 in, 0.75 in, 0.76 in, 0.77 in, 0.78 in, 0.79 in, 0.8 in, 0.81 in, 0.82 in, 0.83 in, 0.84 in, 0.85 in, 0.86 in, 0.87 in, 0.88 in, 0.89 in, 0.9 in, 0.91 in, 0.92 in, 0.93 in, 0.94 in, 0.95 in, 0.96 in, 0.97 in, 0.98 in, 0.99 in, 1 in, 1.01 in, 1.02 in, 1.03 in, 1.04 in, 1.05 in, 1.06 in, 1.07 in, 1.08 in, 1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in, 1.16 in, 1.17 in, 1.18 in, 1.19 in, 1.2 in, 1.21 in, 1.22 in, 1.23 in, 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in, 1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in, 1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in, 1.49 in, 1.5 in, 1.51 in, 1.52 in, 1.53 in, 1.54 in, 1.55 in, 1.56 in, 1.57 in, 1.58 in, 1.59 in, 1.6 in, 1.61 in, 1.62 in, 1.63 in, 1.64 in, 1.65 in, 1.66 in, 1.67 in, 1.68 in, 1.69 in, 1.7 in, 1.71 in, 1.72 in, 1.73 in, 1.74 in, 1.75 in, 1.76 in, 1.77 in, 1.78 in,

1.79 in, 1.8 in, 1.81 in, 1.82 in, 1.83 in, 1.84 in, 1.85 in, 1.86 in, 1.87 in, 1.88 in,
1.89 in, 1.9 in, 1.91 in, 1.92 in, 1.93 in, 1.94 in, 1.95 in
Insulation Outer Diameter (Metric): 16.256 mm, 16.3 mm, 16.51 mm, 16.764 mm,
17.018 mm, 17.272 mm, 17.526 mm, 17.78 mm, 18.034 mm, 18.288 mm, 18.542
mm, 18.796 mm, 19.05 mm, 19.304 mm, 19.558 mm, 19.812 mm, 20.066 mm,
20.32 mm, 20.574 mm, 20.828 mm, 21.082 mm, 21.336 mm, 21.59 mm, 21.844
mm, 22.098 mm, 22.352 mm, 22.606 mm, 22.86 mm, 23.114 mm, 23.368 mm,
23.622 mm, 23.876 mm, 24.13 mm, 24.384 mm, 24.638 mm, 24.892 mm, 25.146
mm, 25.4 mm, 25.654 mm, 25.908 mm, 26.162 mm, 26.416 mm, 26.67 mm,
26.924 mm, 27.178 mm, 27.432 mm, 27.686 mm, 27.94 mm, 28.194 mm, 28.448
mm, 28.702 mm, 28.956 mm, 29.21 mm, 29.464 mm, 29.718 mm, 29.972 mm,
30.226 mm, 30.48 mm, 30.734 mm, 30.988 mm, 31.242 mm, 31.496 mm, 31.75
mm, 32.004 mm, 32.258 mm, 32.512 mm, 32.766 mm, 33.02 mm, 33.274 mm,
33.528 mm, 33.782 mm, 34.036 mm, 34.29 mm, 34.544 mm, 34.798 mm, 35.052
mm, 35.306 mm, 35.56 mm, 35.814 mm, 36.068 mm, 36.322 mm, 36.576 mm,
36.83 mm, 37.084 mm, 37.338 mm, 37.592 mm, 37.846 mm, 38.1 mm, 38.354
mm, 38.608 mm, 38.862 mm, 39.116 mm, 39.37 mm, 39.624 mm, 39.878 mm,
40.132 mm, 40.386 mm, 40.64 mm, 40.894 mm, 41.148 mm, 41.402 mm, 41.656
mm, 41.91 mm, 42.164 mm, 42.418 mm, 42.672 mm, 42.926 mm, 43.18 mm,
43.434 mm, 43.688 mm, 43.942 mm, 44.196 mm, 44.45 mm, 44.704 mm, 44.958
mm, 45.212 mm, 45.466 mm, 45.72 mm, 45.974 mm, 46.228 mm, 46.482 mm,
46.736 mm, 46.99 mm, 47.244 mm, 47.498 mm, 47.752 mm, 48.006 mm, 48.26
mm, 48.514 mm, 48.768 mm, 49.022 mm, 49.276 mm, 49.53 mm
Insulation Rejacketing: No
Jacket Outside Diameter Range: 0.80-1.20 in, 1.00-1.60 in, 1.30-1.90 in, 1.50-
2.40 in
Jacket Outside Diameter Range (Metric): 20.3-30.5 mm, 25.4-40.6 mm, 33.0-
48.3 mm, 38.1-61.0 mm
Lug/Stem Connector Included in Kit: No
Maximum Installed Length: 21.80 in, 22.25 in
Number of Conductors: 1
Product Color: Gray
Product Series: 6020K
Voltage: 15 kV, 25/28 kV
eClass 14 Classification Group: 27400102

3M™ Molded Rubber QS-II Cable Splice Kits 5460 Series

Details

The splice features a 1-piece molded design for simple and easy installation
Designed for use with JCN and CN cables
Suitable for direct-burial, aerial installations and submerged locations
Rated for 35 kV applications
The inline splice design allows direct contact between insulation shields
Includes 1 CI-1/0A connector, 1 molded rubber-splice body, 1 porta-pencil, 1 template, 1 instruction sheet and 2 packets of silicone grease

Typical properties

Cable Shielding: Concentric Neutral (CN), Jacketed Concentric Neutral (JCN)
Case Quantity: 1
Conductor Sizes (Imperial): 1 AWG, 1/0 AWG
Connector Included: CI-1/0A, None
Insulation O.D. Range: 1.00 - 1.15 Inch
Insulation Outer Diameter (Imperial): 1 in, 1.01 in, 1.02 in, 1.03 in, 1.04 in, 1.05 in, 1.06 in, 1.07 in, 1.08 in, 1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in
Insulation Outer Diameter (Metric): 25.4 mm, 25.654 mm, 25.908 mm, 26.162 mm, 26.416 mm, 26.67 mm, 26.924 mm, 27.178 mm, 27.432 mm, 27.686 mm, 27.94 mm, 28.194 mm, 28.448 mm, 28.702 mm, 28.956 mm, 29.21 mm
Insulation Outside Diameter Range: 1.00 - 1.15 Inch
Insulation Outside Diameter Range (Metric): 25.4 - 29.2 mm
Maximum Conductor Size (Imperial): 1/0 AWG (Stranded)
Maximum Conductor Size (Metric): 50 mm² (Stranded)
Minimum Conductor Size (Imperial): 1 AWG (Stranded)
Minimum Conductor Size (Metric): 50 mm² (Stranded)
Number of Conductors: 1
Operating Voltage: 35 kV
Product Series: 5432, 5433 & 5461 Series
Product Type: Inline
Splice Type: Inline
Voltage: 25/28 kV

3M™ Cold Shrink QS4 Integrated Splice Kits 35-TS Series

Details

Inline splice for joining tape shield, wire shield, UniShield® and LC power cables
Special-electrode design reduces electrical stress at critical cable and splice interface

Designed for feeder and distribution circuits, size transition splicing, direct-burial installations and submerged locations

Rated for 35 kV cables

Withstands a temperature range of 221 to 284 °F (105 to 140 °C)

Typical properties

Cable Shielding: Jacketed Concentric Neutral (JCN), Longitudinally Corrugated (LC), Tape Shield, UniShield®, Wire Shield

Conductor Material: Aluminum, Copper

Conductor Sizes (Imperial): 1/0 AWG, 1000 kcmil, 2/0 AWG, 250 kcmil, 3/0 AWG, 300 kcmil, 350 kcmil, 4/0 AWG, 400 kcmil, 500 kcmil, 600 kcmil, 700 kcmil, 750 kcmil, 800 kcmil, 900 kcmil

Insulation Level: 1.33, 100%, 133%

Insulation Outer Diameter (Imperial): 1.07 in, 1.08 in, 1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in, 1.16 in, 1.17 in, 1.18 in, 1.19 in, 1.2 in, 1.21 in, 1.22 in, 1.23 in, 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in, 1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in, 1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in, 1.49 in, 1.5 in, 1.51 in, 1.52 in, 1.53 in, 1.54 in, 1.55 in, 1.56 in, 1.57 in, 1.58 in, 1.59 in, 1.6 in, 1.61 in, 1.62 in, 1.63 in, 1.64 in, 1.65 in, 1.66 in, 1.67 in, 1.68 in, 1.69 in, 1.7 in, 1.71 in, 1.72 in, 1.73 in, 1.74 in, 1.75 in, 1.76 in, 1.77 in, 1.78 in, 1.79 in, 1.8 in, 1.81 in, 1.82 in, 1.83 in, 1.84 in, 1.85 in, 1.86 in, 1.87 in, 1.88 in, 1.89 in, 1.9 in, 1.91 in, 1.92 in, 1.93 in, 1.94 in, 1.95 in, 1.96 in, 1.97 in, 1.98 in, 1.99 in, 2 in, 2.01 in, 2.02 in, 2.03 in, 2.04 in, 2.05 in, 2.06 in, 2.07 in

Number of Conductors: 1

Splice Type: Cold Shrink

Voltage: 35 kV

eClass 14 Classification Group: 27400107

3M™ Cold Shrink QS4 Integrated Splice Kits 15-SP Series

Details

Inline splice for joining JCN, flat strap neutral, tape shield and LC cables
Special-electrode design reduces electrical stress at critical cable and splice interface

Designed for feeder and distribution circuits, size transition splicing, direct-burial installations and submerged locations

Rated for 15 kV applications

Withstands a temperature range of 221 to 284 °F (105 to 140 °C)

Typical properties

Application: Cable Connection

Cable Shielding: Flat Strap Neutral, Jacketed Concentric Neutral (JCN),
Longitudinally Corrugated (LC), Tape Shield

Conductor Material: Aluminum, Copper

Conductor Sizes (Imperial): 1 AWG, 1/0 AWG, 1000 kcmil, 2 AWG, 2/0 AWG,
250 kcmil, 3/0 AWG, 300 kcmil, 350 kcmil, 4/0 AWG, 400 kcmil, 500 kcmil, 600
kcmil, 650 kcmil, 700 kcmil, 750 kcmil, 800 kcmil, 900 kcmil

Insulation Level: 1.33, 100%, 133%

Insulation Outer Diameter (Imperial): 0.64 in, 0.65 in, 0.66 in, 0.67 in, 0.68 in,
0.69 in, 0.7 in, 0.71 in, 0.72 in, 0.73 in, 0.74 in, 0.75 in, 0.76 in, 0.77 in, 0.78 in,
0.79 in, 0.8 in, 0.81 in, 0.82 in, 0.83 in, 0.84 in, 0.85 in, 0.86 in, 0.87 in, 0.88 in,
0.89 in, 0.9 in, 0.91 in, 0.92 in, 0.93 in, 0.94 in, 0.95 in, 0.96 in, 0.97 in, 0.98 in,
0.99 in, 1 in, 1.01 in, 1.02 in, 1.03 in, 1.04 in, 1.05 in, 1.06 in, 1.07 in, 1.08 in,
1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in, 1.16 in, 1.17 in, 1.18 in,
1.19 in, 1.2 in, 1.21 in, 1.22 in, 1.23 in, 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in,
1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in,
1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in,
1.49 in, 1.5 in, 1.51 in, 1.52 in, 1.53 in, 1.54 in, 1.55 in, 1.56 in, 1.57 in, 1.58 in,
1.59 in, 1.6 in, 1.61 in, 1.62 in, 1.63 in, 1.64 in, 1.65 in, 1.66 in, 1.67 in, 1.68 in,
1.69 in, 1.7 in

Number of Conductors: 1

Product Color: Black

Splice Type: Cold Shrink

Voltage: 15 kV

eClass 14 Classification Group: 27400107

3M™ Standard Nylon Cable Ties

Details

Secure wire bundles and harness components quickly, without slipping

Curved tip allows for faster threading and installation

Made in the USA

UL Listed 62275 Type 21 or 21S and Plenum Rated AH-2 for use in air handling spaces

Typical properties

Approximate Length: 11,24,36,4,15,6,8

Brands: 3M™

Cable Diameter Range: 8,1 - 39,4 mm

Cable Length (Imperial): 4 in, 6 in, 7.6 in, 8 in, 11 in, 11.1 in, 15 in, 24 in, 36 in

Cable Length (Metric): 104.14 mm, 147.32 mm, 154.94 mm, 193 mm, 193.04

mm, 205.74 mm, 226.06 mm, 228.6 mm, 281.94 mm, 282 mm, 314.3 mm,

370.84 mm, 381 mm, 609.6 mm, 914.4 mm

Cable Management Products: Cable Ties

Cable Tie Base Height: 8 in,36 in,6 in,9 in,4 in,15 in,24 in,11 in

Cable Tie Length: 101 mm, 101.6 mm, 152 mm, 155 mm, 193 mm, 203 mm, 218

mm, 229 mm, 282 mm, 371 mm, 381 mm, 399 mm, 609 mm, 914 mm

Cable Tie Type: Heavy Duty, Intermediate, Miniature, Standard

Case Quantity: 10,000

Flammability Rating: UL 94 V-2

MIL Approval: No

Material: Nylon 6/6

Maximum Bundle Diameter: 2 Inch,1.87 Inch,Multiple,0.75 Inch,1.25 Inch,4

Inch,7.2 Inch,3 Inch,11 Inch

Maximum Bundle Diameter (Metric): 19.1 mm, 31.75 mm, 31.8 mm, 32 mm, 48

mm, 50.8 mm, 51 mm, 76 mm, 102 mm, 183 mm, 279 mm

Maximum Insulation Outer Diameter (Metric): 3.7 mm

Maximum Insulation Outside Diameter: 0.145 in

Maximum Operating Temperature: 85 Degree Celsius

Maximum Operating Temperature (Celsius): 85 °C

Maximum Operating Temperature (Fahrenheit): 185 °F

Maximum Recommended Voltage Rating: 600 V

Mil Spec: MS3367-1-0, MS3367-1-9, MS3367-12-0, MS3367-12-9, MS3367-2-0,

MS3367-2-9, MS3367-3-0, MS3367-3-9, MS3367-4-0, MS3367-4-9, MS3367-5-

0, MS3367-5-9, MS3367-7-0, MS3367-7-9, MS3367-8-0, MS3367-8-9

Minimum Bundle Diameter: 0.0625 Inch,0.1875 Inch,0.125 Inch,1.5 Inch,0.062

Inch

Minimum Bundle Diameter (Metric): 1.6 mm, 3.2 mm, 4.8 mm, 8.1 mm

Minimum Installation Temperature (Celsius): -20 Degree Celsius, 0 Degree

Celsius, Varies

Minimum Installation Temperature (Fahrenheit): -4 Degree Fahrenheit, 32 °F,

Varies

Minimum Operating Temperature (Celsius): -40 °C

Minimum Operating Temperature (Fahrenheit): -40 °F

Operating Temperature (Celsius): 85 Degree Celsius

Operating Temperature (Fahrenheit): 185 Degree Fahrenheit
Operating Temperature Range (Celsius): -40 °C to 85 °C, 0 °C to 85 °C
Operating Temperature Range (Fahrenheit): -40 °F to 185 °F, 32 °F to 185 °F
Plenum Rated: Yes
Product Color: Black, Red
Product Type: Cable Ties
Recovered Inner Diameter (Metric): 4.75 mm, 6.35 mm
Shrink Ratio: 2:1
Solution for: Long-haul/Metro Loop Network: CO/POP, Long-haul/Metro Loop Network: Outdoor, Wireless Network: Backhaul, Wireless Network: Infrastructure
Accessories
Tape Type: Barricade
Tensile Strength (Imperial): 120 lbs,18 lbs,40 lbs,175 lbs,50 lbs,Varies
Tensile Strength (Metric): 8.17 kg, 18.14 kg, 22.68 kg, 54.43 kg, 79.38 kg, 220 N
Type: Standard
UL Approval: Yes
UL File Number: E-39100
UV Resistant: No, Varies, Yes
Units per Case: 2500.0,500.0,5000.0,10000.0,1000.0
Units per bag: 100, 1000, 50, 500
eClass 14 Classification Group: 27140702

Dimensions and Classifications

Overall Length (Imperial): 4.1 in, 5.8 in, 6.1 in, 7.6 in, 8.1 in, 8.9 in, 9 in, 11.1 in, 14.6 in, 15 in, 24 in, 36 in
Overall Length (Metric): 104 mm, 147 mm, 155 mm, 193 mm, 206 mm, 226 mm, 229 mm, 282 mm, 371 mm, 381 mm, 610 mm, 914 mm
Overall Width (Imperial): 0.096 in, 0.1 in, 0.142 in, 0.18 in, 0.298 in, 0.335 in
Overall Width (Metric): 2.4 mm, 2.5 mm, 3.6 mm, 4.6 mm, 7.6 mm, 8.5 mm

3M™ Cold Shrink QS4s Integrated Short Splice Kit 25SP Series

Details

Cold Shrink Design — for quick and easy installation; excellent for cable size transitions

Complete Kit — includes the required products to make one splice

Silicone Rubber Construction — for good high and low temperature performance

Production Tested — partial discharge and A.C. withstand tests to provide reliability

Computer Aided Design — for compact size and optimal distribution of electrical field

Special Electrode Design — minimizes electrical stress at critical cable/splice interface

Smooth Edge Neutral Extension Sock — virtually no frayed edges

Integrated Ground — standard joint includes braid for easy connection to ground

Typical properties

Conductor Sizes (Imperial): 1 AWG, 1/0 AWG, 1000 kcmil, 2/0 AWG, 250 kcmil, 3/0 AWG, 350 kcmil, 4/0 AWG, 400 kcmil, 500 kcmil, 600 kcmil, 750 kcmil
eClass 14 Classification Group: 27400107

3M™ Scotchlok™ Heat Shrink Brazed Seam Locking Forks

Details

When crimped and shrunk, pre-insulated adhesive-lined polyolefin offers seal resistance to water and salt
Spring-like tongue firmly fits around the stud
Electrolytic copper construction offers good conductivity
Withstands a maximum temperature of 221 degrees F (105 degrees C)
600V-rated for building wire and 1000V for signs, fixtures or luminaires

Typical properties

Barrel Inside Diameter: 0.070 Inch,0.09 Inch,0.07 Inch,0.090 Inch,0.135 Inch
Barrel Length (Imperial): 0.25 Inch,0.76 Inch,0.80 Inch,0.70 Inch
Barrel Style: Brazed
CSA File Number: LR22190
Clearance (C): 0.16 Inch,0.27 Inch,0.3 Inch,0.30 Inch,0.15 Inch,0.12 Inch
Dimension E: 0.76 Inch,0.85 Inch,0.80 Inch,0.70 Inch,0.95 Inch,0.7 Inch,0.8 Inch
Fork Type: Locking
Insulation Material: Heat Shrink
Material: ETP Copper, Plastic
Maximum Conductor Size (Imperial): 10 AWG, 14 AWG, 18 AWG
Maximum Conductor Size (Metric): .0823 mm², 2.08 mm², 5.26 mm²
Maximum Insulation Outer Diameter (Metric): 3.7 mm
Maximum Insulation Outside Diameter: 0.145 in
Maximum Operating Temperature (Celsius): 105 °C
Maximum Operating Temperature (Fahrenheit): 221 °F
Maximum Recommended Voltage Rating: 600 V
Minimum Conductor Size (Imperial): 12 AWG, 16 AWG, 18 AWG, 22 AWG
Minimum Conductor Size (Metric): 0.326 mm², 0.823 mm², 1.31 mm², 3.31 mm²
Product Color: Blue, Red, Yellow
Stud Diameter (Imperial): 0.138 in, 0.164 in, 0.19 in, 0.25 in
Stud Diameter (Metric): 3.505 mm, 4.166 mm, 4.826 mm, 6.35 mm
Stud Size: #10,#6,1/4 Inch,#8
Terminal Style: Locking
Terminal Type: Fork
UL File Number: E23438
Units per Case: 250.0,125.0
eClass 14 Classification Group: 27400204

Dimensions and Classifications

Overall Length (Imperial): 1 in, 1.1 in, 1.2 in
Overall Length (Metric): 25.4 mm
Overall Width (Imperial): 0.25 in, 0.3 in, 0.32 in, 0.43 in
Overall Width (Metric): 6.09 mm, 7.62 mm, 8.12 mm, 8.128 mm

3M™ Cold Shrink QT-III Termination Kit 7600-T-3W Series for 5-35 kV

Details

Provides a void-free seal to tape shield, wire shield and UniShield® power cables
High dielectric-constant material regulates the distribution of electric field stress
Suitable for indoor applications and cabinet-mount installations
Integrated design allows for easier installation in limited spaces, while sealing compounds provide constant radial pressure

Typical properties

BIL: 110 kV, 150 kV, 95 kV

Brands: 3M™

Breakout Boot: Yes

Cable Insulation Outside Diameter Range: 0.33-0.50 in, 0.50-0.70 in, 0.70-0.92 in, 0.92-1.18 in, 1.18-1.52 in

Cable Insulation Outside Diameter Range (Metric): 12.7-17.8 mm, 17.8-23.4 mm, 23.4-30.0 mm, 30.0-38.6 mm, 8.4-12.7 mm

Cable Shielding: Tape Shield, UniShield®, Wire Shield, Wire-Over-Tape Shield
Case Quantity: 1

Conductor Sizes (Imperial): 1 AWG, 1/0 AWG, 1000 kcmil, 2 AWG, 2/0 AWG, 250 kcmil, 3/0 AWG, 300 kcmil, 350 kcmil, 4 AWG, 4/0 AWG, 400 kcmil, 500 kcmil, 6 AWG, 600 kcmil, 700 kcmil, 750 kcmil, 8 AWG, 800 kcmil, 900 kcmil

Indoor/Outdoor: Indoor Non-skirted

Insulation Level: 100%, 133%

Insulation Outer Diameter (Imperial): 0.33 in, 0.34 in, 0.35 in, 0.36 in, 0.37 in, 0.38 in, 0.39 in, 0.4 in, 0.41 in, 0.42 in, 0.43 in, 0.44 in, 0.45 in, 0.46 in, 0.47 in, 0.48 in, 0.49 in, 0.5 in, 0.51 in, 0.52 in, 0.53 in, 0.54 in, 0.55 in, 0.56 in, 0.57 in, 0.58 in, 0.59 in, 0.6 in, 0.61 in, 0.62 in, 0.63 in, 0.64 in, 0.65 in, 0.66 in, 0.67 in, 0.68 in, 0.69 in, 0.7 in, 0.71 in, 0.72 in, 0.73 in, 0.74 in, 0.75 in, 0.76 in, 0.77 in, 0.78 in, 0.79 in, 0.8 in, 0.81 in, 0.82 in, 0.83 in, 0.84 in, 0.85 in, 0.86 in, 0.87 in, 0.88 in, 0.89 in, 0.9 in, 0.91 in, 0.92 in, 0.93 in, 0.94 in, 0.95 in, 0.96 in, 0.97 in, 0.98 in, 0.99 in, 1 in, 1.01 in, 1.02 in, 1.03 in, 1.04 in, 1.05 in, 1.06 in, 1.07 in, 1.08 in, 1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in, 1.16 in, 1.17 in, 1.18 in, 1.19 in, 1.2 in, 1.21 in, 1.22 in, 1.23 in, 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in, 1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in, 1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in, 1.49 in, 1.5 in, 1.51 in, 1.52 in

Insulation Outer Diameter (Metric): 8.382 mm, 8.636 mm, 8.89 mm, 9.144 mm, 9.398 mm, 9.652 mm, 9.906 mm, 10.16 mm, 10.414 mm, 10.668 mm, 10.922 mm, 11.176 mm, 11.43 mm, 11.684 mm, 11.938 mm, 12.192 mm, 12.446 mm, 12.7 mm, 12.954 mm, 13.208 mm, 13.462 mm, 13.716 mm, 13.97 mm, 14.224 mm, 14.478 mm, 14.732 mm, 14.986 mm, 15.24 mm, 15.494 mm, 15.748 mm, 16.002 mm, 16.256 mm, 16.51 mm, 16.764 mm, 17.018 mm, 17.272 mm, 17.526 mm, 17.78 mm, 18.034 mm, 18.288 mm, 18.542 mm, 18.796 mm, 19.05 mm, 19.304 mm, 19.558 mm, 19.812 mm, 20.066 mm, 20.32 mm, 20.574 mm, 20.828 mm, 21.082 mm, 21.336 mm, 21.59 mm, 21.844 mm, 22.098 mm, 22.352 mm, 22.606 mm, 22.86 mm, 23.114 mm, 23.368 mm, 23.622 mm, 23.876 mm, 24.13 mm, 24.384 mm, 24.638 mm, 24.892 mm, 25.146 mm, 25.4 mm, 25.654 mm, 25.908 mm, 26.162 mm, 26.416 mm, 26.67 mm, 26.924 mm, 27.178 mm, 27.432 mm

mm, 27.686 mm, 27.94 mm, 28.194 mm, 28.448 mm, 28.702 mm, 28.956 mm, 29.21 mm, 29.464 mm, 29.718 mm, 29.972 mm, 30.226 mm, 30.48 mm, 30.734 mm, 30.988 mm, 31.242 mm, 31.496 mm, 31.75 mm, 32.004 mm, 32.258 mm, 32.512 mm, 32.766 mm, 33.02 mm, 33.274 mm, 33.528 mm, 33.782 mm, 34.036 mm, 34.29 mm, 34.544 mm, 34.798 mm, 35.052 mm, 35.306 mm, 35.56 mm, 35.814 mm, 36.068 mm, 36.322 mm, 36.576 mm, 36.83 mm, 37.084 mm, 37.338 mm, 37.592 mm, 37.846 mm, 38.1 mm, 38.354 mm, 38.608 mm

Insulation Rejacketing: Yes

Lug/Stem Connector Included in Kit: No

Maximum Installed Length: 12.00 in, 16.00 in, 8.50 in

Number of Conductors: 3

Product Series: 7600-3-W, 7600-T-3W

Voltage: 10 kV, 15 kV, 25 kV, 25/28 kV, 35 kV, 5 kV, 8 kV

Voltage Application: Medium Voltage

eClass 14 Classification Group: 27400102

3M™ Cold Shrink Connector Insulators 8420 and 8430 Series

Details

Specially designed for primary insulation of solid dielectric insulated wires and cable splicing rated to 1000 volts
Simple installation which requires no tools
Sealing of terminal lug barrels, conduit couplings and conduit-to-cable breakouts
Made of EPDM rubber which contains no chlorides or sulfur
Covers a wide range of cable cross sections
Withstands temperatures of -40 to 90 degC (-40 to 194 degF)
Environmental sealing for communication and other non-electrical applications

Typical properties

Application: Insulation, mechanical protection, repair
Brands: 3M™
Cable Shielding: Non-shielded, Tape Shield, UniShield®, Wire Shield
Cable Type: Non-Shielded, Solid Dielectric Power Cable, Power Cable
Case Quantity: 25,50,10
Conductor Material: Aluminum, Copper
Conductor Sizes (Imperial): 1 AWG, 1/0 AWG, 10 AWG, 1000 kcmil, 1250 kcmil, 1500 kcmil, 1750 kcmil, 2 AWG, 2/0 AWG, 2000 kcmil, 250 kcmil, 3/0 AWG, 300 kcmil, 350 kcmil, 4 AWG, 4/0 AWG, 400 kcmil, 500 kcmil, 6 AWG, 600 kcmil, 650 kcmil, 700 kcmil, 750 kcmil, 8 AWG, 800 kcmil, 900 kcmil
Conductor Sizes (Metric): 10 mm², 1013 mm², 120 mm², 16 mm², 185 mm², 35 mm², 405 mm², 456 mm²
Connector Included: No
Dielectric Strength (V/mil): 365 V/mil
Elongation: 750 %
Halogen Free: No
Indoor/Outdoor: Both
Inner Diameter After Shrink (Imperial): 0.098 in, 0.189 in, 0.24 in, 0.307 in, 0.398 in, 0.547 in, 0.661 in, 0.67 in, 0.839 in, 0.949 in, 1.268 in, 1.677 in
Inner Diameter After Shrink (Metric): 2.5 mm, 4.8 mm, 6.1 mm, 7.8 mm, 10.1 mm, 13.9 mm, 16.8 mm, 17.02 mm, 21.3 mm, 24.1 mm, 32.2 mm, 42.6 mm
Inner Diameter Before Shrink (Imperial): 0.559 in, 0.669 in, 0.823 in, 0.941 in, 1.185 in, 1.38 in, 1.382 in, 1.937 in, 2.669 in, 2.85 in, 3.689 in
Inner Diameter Before Shrink (Metric): 14.2 mm, 17 mm, 20.9 mm, 23.9 mm, 30.1 mm, 35.1 mm, 49.2 mm, 67.8 mm, 72.4 mm, 93.7 mm
Material: EPDM Rubber
Maximum Conductor Size (Imperial): 1000 kcmil, 14 AWG, 177 kcmil, 19.93 kcmil, 246 kcmil, 394 kcmil, 6 AWG, 63.55 kcmil, 800 kcmil, 84.07 kcmil
Maximum Conductor Size (Metric): 10.1 mm², 125 mm², 16 mm², 2.5 mm², 200 mm², 32.2 mm², 400 mm², 42.6 mm², 50 mm², 500 mm², 90 mm²
Maximum Connector Length: 11.0 in, 12.0 in, 14.0 in, 2.0 in, 3.0 in, 5.0 in, 7.0 in, 8.0 in
Maximum Connector Length (Metric): 127.0 mm, 177.8 mm, 203.2 mm, 279.4 mm, 304.8 mm, 355.6 mm, 50.8 mm, 76.2 mm
Maximum Operating Temperature (Celsius): 90 °C
Maximum Operating Temperature (Fahrenheit): 194 °F

Minimum Conductor Size (Imperial): 10 AWG, 1250 kcmil, 2 AWG, 246 kcmil, 27 kcmil, 3/0 AWG, 500 kcmil, 59 kcmil, 600 kcmil, 900 kcmil
Minimum Conductor Size (Metric): 125 mm², 14 mm², 240 mm², 30 mm², 300 mm², 35 mm², 456 mm², 6 mm², 633 mm², 70 mm²
Minimum Operating Temperature (Celsius): -40 °C
Minimum Operating Temperature (Fahrenheit): -40 °F
Model: Cold-shrink
Number of Conductors: 1
Operating Temperature (Celsius): -40 up to +90°C
Product Color: Black
Product Type: Cold Shrink, Splice
Relaxed Tube Length: 6 in, 8 in, 9 in, 11 in, 12 in, 15 in, 16 in, 18 in
Relaxed Tube Length (Metric): 152.4 mm, 203.2 mm, 228.6 mm, 279.4 mm, 304.8 mm, 381 mm, 406.4 mm, 457.2 mm
Shrink Ratio: 2:1
Splice Type: Cold Shrink
UL Approval: No
Units per Case: 10.0
Voltage: 1 kV
Voltage Application: Low Voltage
Wall Thickness after Shrinking: 1.4 mm, 3 mm, 3.8 mm, 4.6 mm
With Inner Glue: No
eClass 14 Classification Group: 27400105

Dimensions and Classifications

Overall Diameter (Metric): 20.9 mm, 23.9 mm, 67.8 mm, 93.7 mm
Overall Length (Imperial): 6 in, 8 in, 9 in, 11 in, 12 in, 16 in, 18 in
Overall Length (Metric): 152 mm, 152.4 mm, 203.2 mm, 228.6 mm, 279.4 mm, 304.8 mm, 381 mm, 406.4 mm, 457.2 mm

3M™ Cold Shrink End Caps EC Series

Details

Close-ended, EPDM tubular rubber sleeves that are loaded onto a removable core

Resists water, alkalis, acids, abrasion and ozone

Moisture sealing and provides physical protection for cables and pipes

Made of EPDM rubber which contains no chlorides or sulfur

Simple and fast installation without any tools

RoHS 2011/65/EU Compliant

Typical properties

Adhesive Lined: No

Brands: 3M™

End Cap Type: Cold Shrink

Flame Retardant: No

Inner Diameter After Shrink (Imperial): 0.46 in, 0.63 in, 1.02 in, 1.79 in

Inner Diameter After Shrink (Metric): 11.6 mm, 15.9 mm, 26 mm, 45.5 mm

Inner Diameter Before Shrink (Imperial): 0.82 in, 1.18 in, 1.94 in, 3.32 in

Inner Diameter Before Shrink (Metric): 20.9 mm, 30.1 mm, 49.2 mm, 84.3 mm

Material: EPDM Rubber

Product Color: Black

Product Type: Cold Shrink, End Cap

Shrink Ratio: 2:1

Shrink Type: Cold Shrink

Units per Case: 10.0

Use Range: 0.46 - 0.82 in, 0.63 - 1.18 in, 1.02 - 1.94 in, 1.79 - 3.32 in

Use Range (Metric): 11.6-20.9 mm, 15.9-30.1 mm, 26.0-49.3 mm, 45.6-84.3 mm

With Inner Glue: No

eClass 14 Classification Group: 27400104

3M™ Cold Shrink Branch Splice Adapter Kits

3M ID B00014007

Details

Perfect for tape shield, wire shield and UniShield® cables
Rated for 15 kV applications
IEEE Approved

Typical properties

Application: Cable Connection
Model: Cold Shrink
eClass 14 Classification Group: 27400107

3M™ Heat Shrink Tubing EPS-400

Details

Dual-wall construction provides abrasion resistance and moisture-seal protection
Offers the advantage of integral, adhesive-lined construction
Offers protection for sealing voids in multiple wire bundles for automotive and marine applications
Made of semi-rigid polyolefin
Withstands temperatures of -67 to 230 degrees F (-55 to 110 degrees C)
Flame-retardant tubing is rated for 600V applications
UL Listed, CSA Certified and RoHS 2011/65/EU Compliant

Typical properties

Agency Approvals: UL Recognized, CSA Certified
Dielectric Strength (V/mil): 800 V/mil
Elongation: 400 %
Expanded Inner Diameter: 0.3 in, 0.35 in, 0.45 in, 0.7 in
Expanded Inner Diameter (Metric): 11.43 mm, 17.78 mm, 7.62 mm, 8.89 mm
Flame Retardant: Yes
Flammability Rating: Self-Extinguishing
Heat Shrink Type: Adhesive-Lined Polyolefin Heat Shrink Tubing
Inner Diameter After Shrink (Imperial): 0.06 in, 0.08 in, 0.105 in, 0.113 in, 0.175 in, 0.8 in
Inner Diameter After Shrink (Metric): 1.52 mm, 2.03 mm, 2.67 mm, 2.86 mm, 4.45 mm
Inner Diameter Before Shrink (Imperial): 0.3 in, 0.35 in, 0.45 in, 0.7 in
Inner Diameter Before Shrink (Metric): 7.62 mm, 8.89 mm, 11.43 mm, 17.78 mm
Lubricant Type: Gel
Material: Polyolefin, Semi-rigid Polyolefin
Maximum Operating Temperature (Celsius): 110 °C
Maximum Operating Temperature (Fahrenheit): 230 °F, 275 °F
Minimum Expanded Tubing I. D.: 0.3 in, 0.35 in, 0.45 in, 0.7 in
Non-Corrosive: Yes
Operating Temperature (Celsius): -55 °C to 110 °C
Operating Temperature (Fahrenheit): -67 °F to 230 °F, -67 °F to 275 °F
Operating Temperature Range (Celsius): -55 °C to 110 °C
Operating Temperature Range (Fahrenheit): -67 °F to 230 °F
Product Color: Black
Recovered Inner Diameter: 0.06 in, 0.105 in, 0.175 in, 0.8 in
Recovered Inner Diameter (Metric): 1.52 mm, 2.03 mm, 2.67 mm, 4.45 mm
Shrink Ratio: 4:1
Solution for: Wireless Network: Infrastructure Accessories
Tensile Strength (Imperial): 1900 Pound-Force Per Square Inch
Tensile Strength lb/in (N/100 mm): 90 (1577)
Tubing Type: Dual Wall (Adhesive Lined)
UL File Number: E-157227
Units per Case: 24.0, 12.0, 10.0, 5.0, 45.0
eClass 14 Classification Group: 27400105

Dimensions and Classifications

Overall Length (Imperial): 6 in, 48 in

3M™ Steel Barb Cable Ties

Details

Fast, tough hold for industrial applications
Infinite locking positions to secure wire or cable
Head design helps prevent snagging for fast, easy installation
Ribbed body helps prevent slippage in high-vibration environments
UL Listed 62275 Type 21 or 21S
Plenum Rated AH-2 for use in air handling spaces

Typical properties

Approximate Length: 8 inches, 6 inches, 28 inches, 4 inches, 18 inches, 11 inches, 15 inches
Cable Management Products: Cable Ties
Maximum Bundle Diameter: 0.9 in, 2 in, 4.21 in, 1.77 in, 4.29 in, 4.88 in, 3.19 in, 1.37 in, 7.99 in
Maximum Operating Temperature: 85 °C
Maximum Operating Temperature (Celsius): 85 °C
Maximum Operating Temperature (Fahrenheit): 185 °F
Maximum Outside Diameter: NP
Minimum Bundle Diameter: 0.9 in, 2 in, 4.21 in, 1.77 in, 4.29 in, 4.88 in, 3.19 in, 1.37 in, 7.99 in
Minimum Operating Temperature (Celsius): -40 °C
Minimum Operating Temperature (Fahrenheit): -40 °F
Minimum Outside Diameter: NP
Number of Characters: NP
Number of Characters - Compressed: NP
Number of Characters - Standard: NP
Product Color: Black, Multi-color, Natural
Tensile Strength (Imperial): 124 lbs, 112 lbs, 18 lbs, 40 lbs, 49 lbs
Tensile Strength (Metric): 218 N, 220 N, 500 N, 550 N, 551 N, 800 N
Units per bag: 100, 50
eClass 14 Classification Group: 27140702

Dimensions and Classifications

Overall Length (Imperial): 4 in, 6.1 in, 7.3 in, 7.9 in, 11.6 in, 14.8 in, 15.7 in, 17.7 in, 27.5 in, 47.9 in
Overall Length (Metric): 4 mm, 6.1 mm, 7.3 mm, 7.9 mm, 11.6 mm, 14.8 mm, 15.7 mm, 185 mm, 186 mm, 295 mm, 376 mm, 399 mm, 450 mm, 699 mm
Overall Thickness (Imperial): 0.04 in, 0.05 in, 0.06 in, 0.07 in
Overall Thickness (Metric): 1 mm, 1.3 mm, 1.5 mm, 1.6 mm, 1.7 mm
Overall Width (Imperial): 0.09 in, 0.14 in, 0.19 in, 0.28 in, 0.39 in
Overall Width (Metric): 2.4 mm, 3.6 mm, 4.8 mm, 7 mm, 10 mm

3M™ Cold Shrink Quick Insulators QI Series

Details

Specially designed for primary insulation of solid dielectric insulated wires and cable splicing rated to 1000 volts
Simple installation which requires no tools
Offers excellent wet electrical properties and resists water, acids and alkalis
Made of EPDM rubber which contains no chlorides or sulfur
Withstands temperatures of -40 to 90 degC (-40 to 194 degF)
Environmental sealing for communication and other non-electrical applications
Open-ended tubular sleeves with a sealing mastic on each end

Typical properties

Application: Cable Connection
Cable End Expanded: 2.35 in
Cable End Recovered: 1 in
Cable Shielding: Non-shielded
Cable Type: Power Cable
Case Quantity: 10
Conductor Legs Expanded: 1 in
Conductor Legs Recovered: 0.35 in
Conductor Material: Aluminum, Copper
Conductor Sizes (Imperial): 1 AWG, 1/0 AWG, 1000 kcmil, 1250 kcmil, 2 AWG, 2/0 AWG, 250 kcmil, 3/0 AWG, 300 kcmil, 350 kcmil, 4 AWG, 4/0 AWG, 400 kcmil, 500 kcmil, 6 AWG, 600 kcmil, 650 kcmil, 700 kcmil, 750 kcmil, 8 AWG, 800 kcmil, 900 kcmil
Conductor Sizes (Metric): 10 mm², 400 mm², 456 mm²
Connector Included: No, None
Dielectric Strength (V/mil): 365 V/mil
Elongation: 750 %
Flame Retardant: Yes
Halogen Free: No
Indoor/Outdoor: Both
Inner Diameter After Shrink (Imperial): 0.2 in, 0.4 in, 0.71 in
Inner Diameter After Shrink (Metric): 5.1 mm, 10.2 mm, 18 mm
Inner Diameter Before Shrink (Imperial): 0.65 in, 1.45 in, 2.25 in
Inner Diameter Before Shrink (Metric): 16.5 mm, 36.8 mm, 57.2 mm
Insulation O.D. Range: 0.20-0.65 in, 0.40-1.45 in, 0.71-2.25 in
Insulation O.D. Range (Metric): 10.2-36.8 mm, 18.0-57.2 mm, 5.1-16.5 mm
Insulation Outside Diameter Range: 0.84 - 1.38 Inch, 1.04 - 1.70 Inch
Insulation Outside Diameter Range (Metric): 21.3 - 35.1 mm, 26.4 - 43.2 mm
Material: EPDM Rubber
Maximum Conductor Size (Imperial): 1/0 AWG (Aluminum), 2/0 AWG (Copper), 4/0 AWG, 400 kcmil
Maximum Conductor Size (Metric): 185 mm², 50 mm² (Aluminum), 70 mm² (Copper), 95 mm²
Maximum Connector Length: 2.75 in, 4.50 in, 6.00 in
Maximum Connector Length (Metric): 114.3 mm, 152.4 mm, 69.9 mm
Maximum Connector O.D.: 0.65 in, 1.45 in, 2.25 in

Maximum Connector O.D. (Metric): 16.5 mm, 36.8 mm, 57.2 mm
Maximum Operating Temperature (Celsius): 90 °C
Maximum Operating Temperature (Fahrenheit): 194 °F
Minimum Conductor Size (Imperial): 2 AWG (Aluminum), 250 kcmil (Aluminum),
250 kcmil (Copper), 8 AWG (Aluminum), 8 AWG (Copper)
Minimum Conductor Size (Metric): 10 mm² (Aluminum), 10 mm² (Copper), 120
mm² (Aluminum), 120 mm² (Copper), 35 mm² (Aluminum)
Minimum Operating Temperature (Celsius): -40 °C
Minimum Operating Temperature (Fahrenheit): -40 °F
Model: Cold-shrink
Number of Conductors: 1
Number of Outlets: 4
Outlet Style: 4-Way
Product Color: Black
Product Type: Splice
Splice Type: Cold Shrink
Typical Splice Length: 29 in, 32 in
Typical Splice Length (Metric): 736 mm, 813 mm
Units per Case: 1.0
Voltage: 1 kV
Voltage Application: Medium Voltage
With Inner Glue: No
eClass 14 Classification Group: 27400105

3M™ Heat Shrink Tubing HDT

Details

Superior resistance to abrasion, corrosion and chemicals
Offers reliable performance for electrical splices, connections and terminations
Made of black cross-linked polyolefin
Withstands temperatures of -67 to 230 degrees F (-55 to 110 degrees C)
Flame-retardant
SAE AS23053/15, Class 1 Certified and RoHS 2011/65/EU Compliant

Typical properties

Adhesive Lined: Yes
Adhesive Material: Hot-melt adhesive
Applicable SAE-AMS-DTL-23053 Specifications: 23053/5 class 1
Application Specifications: ABS, SAE-AMS-DTL-23053/15, Class 1
Brands: 3M™
Breaking Strength (Imperial): 0 lb/in
Cable Size Range: 1000-2500 kcmil, 12-6 AWG, 2-4/0 AWG, 2.1-4.8 in, 2.5-5.6 in, 250-750 kcmil, 3/0 AWG-400 kcmil, 600-1250 kcmil, 8-1/0 AWG
Dielectric Strength (V/mil): 500 V/mil
Expanded Inner Diameter: 0.4 in, 0.8 in, 1.1 in, 1.5 in, 2 in, 3 in, 4.5 in, 6 in, 7 in
Expanded Inner Diameter (Metric): 10.2 mm, 114.3 mm, 152.4 mm, 177.8 mm, 20.3 mm, 27.9 mm, 38.1 mm, 50.8 mm, 76.2 mm
Flame Retardant: Yes
Flammability Rating: Self-Extinguishing
Halogen Free: No
Heat Shrink Type: Heavy-Duty Heat Shrink Tubing
Inner Diameter After Shrink (Imperial): 0.15 in, 0.2 in, 0.37 in, 0.5 in, 0.65 in, 1 in, 1.5 in, 1.8 in, 2 in
Inner Diameter After Shrink (Metric): 3.8 mm, 5.1 mm, 9.4 mm, 12.7 mm, 16.5 mm, 25.4 mm, 38.1 mm, 45.7 mm, 50.8 mm
Inner Diameter Before Shrink (Imperial): 0.4 in, 0.8 in, 1.1 in, 1.5 in, 2 in, 3 in, 4.5 in, 6 in, 7 in
Inner Diameter Before Shrink (Metric): 10.2 mm, 20.3 mm, 27.9 mm, 38.1 mm, 50.8 mm, 76.2 mm, 114.3 mm, 152.44 mm, 177.8 mm
Material: Polyolefin
Maximum Conductor Size (Imperial): 1/0 AWG, 1250 kcmil, 2500 kcmil, 4/0 AWG, 400 kcmil, 6 AWG, 750 kcmil
Maximum Conductor Size (Metric): 120 mm², 1267 mm², 16 mm², 240 mm², 400 mm², 50 mm², 633.4 mm²
Maximum Operating Temperature (Celsius): 0 °C, 100 °C
Maximum Operating Temperature (Fahrenheit): 0 °F, 230 °F
Mil Spec: SAE-AMS-DTL-23053/15, Class 1
Minimum Conductor Size (Imperial): 1000 kcmil, 12 AWG, 2 AWG, 250 kcmil, 3/0 AWG, 600 kcmil, 8 AWG
Minimum Conductor Size (Metric): 10 mm², 120 mm², 300 mm², 35 mm², 4 mm², 500 mm², 95 mm²
Minimum Expanded Tubing I. D.: 0.4 in, 0.8 in, 1.1 in, 1.5 in, 2 in, 3 in, 4.5 in, 6 in, 7 in

Minimum Shrink Temperature (Celsius): 121 °C
Minimum Shrink Temperature (Fahrenheit): 250 °F
Operating Temperature (Celsius): -55 to 100 Degrees Celsius, -55 to 135 Degrees Celsius
Operating Temperature (Fahrenheit): -67 °F to 230 °F, -67 °F to 275 °F
Operating Temperature Range (Celsius): -55 °C to -100 °C
Operating Temperature Range (Fahrenheit): -67 °F to 230 °F
Product Color: Black
Product Form: Sleeve-roll
Product Type: Heavy Wall Tubing (Adhesive Lined), Sleeve
Recovered Inner Diameter: 0.15 in, 0.2 in, 0.37 in, 0.5 in, 0.65 in, 1 in, 1.5 in, 1.8 in, 2 in
Recovered Inner Diameter (Metric): 3.8 mm, 5.1 mm, 9.4 mm, 12.7 mm, 16.5 mm, 25.4 mm, 38.1 mm, 45.7 mm, 50.8 mm
Relaxed Tube Length (Metric): 1 m
Shrink Ratio: 2:1, 3:1
Solution for: Wireless Network: Infrastructure Accessories, Wireless Network: Weatherproofing
Splice Type: Heat Shrink
Tensile Strength (Imperial): 2400 Pound-Force Per Square Inch
Tubing Type: Heavy Wall
UL Approval: No
UL Bug Temperature (Celsius): 125 Degrees Celsius
UL Bug Temperature (Fahrenheit): 257 Degrees Fahrenheit
UL Bug Voltage: 600 Volt
UV Resistant: Yes
Units per Case: 10.0,5.0,20.0
Voltage Rating: 1 kV
eClass 14 Classification Group: 27400105

Dimensions and Classifications

Overall Length (Imperial): 48 in
Overall Length (Metric): 1.22 m

3M™ Heat Shrink Cable Breakout Boot

Details

Ensures excellent insulation and void-free sealing of cable breakouts
Internal coating of adhesive offers reliable environmental sealing
Provides maximum electrical and mechanical protection
Semi-rigid, flame-retardant polyolefin construction
RoHS 2011/65/EU Compliant

Typical properties

Brands: 3M™

Cable End Expanded: 0.8 in, 0.9 in, 1.2 in, 1.25 in, 1.5 in, 1.7 in, 1.75 in, 1.9 in, 2.35 in, 2.36 in, 2.39 in, 2.4 in, 2.65 in, 3 in, 3.2 in, 4.9 in, 5.25 in

Cable End Recovered: 0.36 in, 0.37 in, 0.43 in, 0.5 in, 0.6 in, 0.69 in, 0.8 in, 0.9 in, 0.96 in, 0.98 in, 1 in, 1.4 in, 1.45 in, 1.9 in, 2 in, 2.32 in, 3 in

Cable Insulation Outside Diameter Range: 0.87-1.06 in

Cable Insulation Outside Diameter Range (Metric): 22.1-26.8 mm

Cable Shielding: Concentric Neutral (CN), Jacketed Concentric Neutral (JCN)

Conductor Legs Expanded: 0.28 in, 0.33 in, 0.5 in, 0.65 in, 0.75 in, 0.79 in, 0.8 in, 0.82 in, 1 in, 1.18 in, 1.2 in, 1.25 in, 1.35 in, 1.4 in, 1.45 in, 2 in

Conductor Legs Recovered: 0.11 in, 0.12 in, 0.16 in, 0.17 in, 0.18 in, 0.19 in, 0.28 in, 0.29 in, 0.3 in, 0.35 in, 0.5 in, 0.53 in, 0.55 in, 0.75 in, 1 in

Connector Included: CIR-1/0

Dielectric Strength (V/mil): 10 kV / mm

Flame Retardant: Yes

Heat Shrink Type: Heat Shrink Molded Shapes

Indoor/Outdoor: Both

Inner Diameter After Shrink (Imperial): 0.11 in, 0.12 in, 0.16 in, 0.17 in, 0.18 in, 0.19 in, 0.28 in, 0.29 in, 0.3 in, 0.35 in, 0.5 in, 0.53 in, 0.55 mm, 0.75 in, 1 in

Inner Diameter After Shrink (Metric): 2.8 mm, 3.1 mm, 4.1 mm, 4.3 mm, 4.6 mm, 4.8 mm, 7.1 mm, 7.4 mm, 7.6 mm, 8.9 mm, 12.7 mm, 13.5 mm, 14 mm, 19.1 mm, 25.4 mm

Inner Diameter Before Shrink (Imperial): 0.28 in, 0.33 in, 0.5 in, 0.65 in, 0.75 in, 0.79 in, 0.8 in, 0.82 in, 1 in, 1.18 in, 1.2 in, 1.25 in, 1.35 in, 1.4 in, 1.45 in, 2 in

Inner Diameter Before Shrink (Metric): 7.1 mm, 8.4 mm, 12.7 mm, 16.5 mm, 19.1 mm, 20.1 mm, 20.3 mm, 20.8 mm, 25.4 mm, 30 mm, 30.5 mm, 31.8 mm, 34.33 mm, 35.6 mm, 36.8 mm, 50.8 mm

Lug/Stem Connector Included in Kit: No

Material: Semi-rigid, Flame Retardant Polyolefin

Maximum Operating Temperature (Celsius): 135 °C

Minimum Shrink Temperature (Celsius): 120 °C

Model: Cold-shrink

Number of Conductors: 1

Number of Outlets: 2,3,4,5,6

Operating Temperature (Celsius): -30 up to +135°C

Outer Diameter After Shrink (Imperial): 0.36 in, 0.37 in, 0.43 in, 0.5 in, 0.69 in, 0.8 in, 0.9 in, 0.96 in, 0.98 in, 1 in, 1.4 in, 1.45 in, 1.5 in, 2 in, 2.32 in, 3 in, 15.2 in

Outer Diameter After Shrink (Metric): 0.9 mm, 9.1 mm, 9.4 mm, 10.9 mm, 12.7 mm, 17.5 mm, 20.3 mm, 22.9 mm, 24.4 mm, 24.9 mm, 25.4 mm, 35.6 mm, 36.8 mm, 38.1 mm, 50.8 mm, 58.9 mm, 76.2 mm, 322.6 mm

Outer Diameter Before Shrink (Imperial): 0.8 in, 0.9 in, 1.2 in, 1.25 in, 1.5 in, 1.7 in, 1.75 in, 1.9 in, 2.35 in, 2.36 in, 2.39 in, 2.4 in, 2.65 in, 3 in, 3.2 in, 4.9 in, 5.25 in, 30.5 in

Outer Diameter Before Shrink (Metric): 20.3 in, 22.9 mm, 30.5 mm, 31.8 mm, 38.1 mm, 43.2 mm, 44.5 mm, 48.3 mm, 59.7 mm, 59.9 mm, 60.7 mm, 61 mm, 67.3 mm, 76.2 mm, 81.3 mm, 124.5 mm, 133.4 mm, 386.1 mm

Outlet Style: 2-Way, 3-Way, 4-Way, 5-Way, 6-Way

Product Color: Black

Product Series: 5450 Series

Product Type: Cable & Wire Accessory, Splice

Shrink Type: Heat Shrink

Splice Type: Inline Repair

Transition Type: 1 - 3 Breakout, 1 - 4 Breakout, 1-2 Breakout, 1-5 Breakout, 1-6 Breakout

UV Resistant: Yes

Units per Case: 1.0

Voltage: 25 kV, 28 kV

eClass 14 Classification Group: 27400109

3M™ Cold Shrink QS-III 3/C Armored or Non-Armored Splice Kits 5797A-MT and 5798A-MT

Details

Splices shielded cables

Silicon rubber-splice body provides good high- or low-temperature performance and Armorcast™ jacket offers mechanical protection

Suitable for use with 10000 and 20000 Series connectors or other UL Listed inline compression connectors

Solderless ground braid offers constant force spring connection

Rated for 35 kV applications

Typical properties

Cable Shielding: Non-Armored Shielded, Shielded Armored

Conductor Material: Aluminum, Copper

Conductor Sizes (Imperial): 1/0 AWG, 1000 kcmil, 2/0 AWG, 250 kcmil, 3/0 AWG, 300 kcmil, 350 kcmil, 4/0 AWG, 400 kcmil, 500 kcmil, 600 kcmil, 700 kcmil, 750 kcmil, 800 kcmil, 900 kcmil

Insulation Level: 1.33, 100%, 133%

Insulation Outer Diameter (Imperial): 1.07 in, 1.08 in, 1.09 in, 1.1 in, 1.11 in, 1.12 in, 1.13 in, 1.14 in, 1.15 in, 1.16 in, 1.17 in, 1.18 in, 1.19 in, 1.2 in, 1.21 in, 1.22 in, 1.23 in, 1.24 in, 1.25 in, 1.26 in, 1.27 in, 1.28 in, 1.29 in, 1.3 in, 1.31 in, 1.32 in, 1.33 in, 1.34 in, 1.35 in, 1.36 in, 1.37 in, 1.38 in, 1.39 in, 1.4 in, 1.41 in, 1.42 in, 1.43 in, 1.44 in, 1.45 in, 1.46 in, 1.47 in, 1.48 in, 1.49 in, 1.5 in, 1.51 in, 1.52 in, 1.53 in, 1.54 in, 1.55 in, 1.56 in, 1.57 in, 1.58 in, 1.59 in, 1.6 in, 1.61 in, 1.62 in, 1.63 in, 1.64 in, 1.65 in, 1.66 in, 1.67 in, 1.68 in, 1.69 in, 1.7 in, 1.71 in, 1.72 in, 1.73 in, 1.74 in, 1.75 in, 1.76 in, 1.77 in, 1.78 in, 1.79 in, 1.8 in, 1.81 in, 1.82 in, 1.83 in, 1.84 in, 1.85 in, 1.86 in, 1.87 in, 1.88 in, 1.89 in, 1.9 in, 1.91 in, 1.92 in, 1.93 in, 1.94 in, 1.95 in, 1.96 in, 1.97 in, 1.98 in, 1.99 in, 2 in, 2.01 in, 2.02 in, 2.03 in, 2.04 in, 2.05 in, 2.06 in, 2.07 in

Number of Conductors: 3

Splice Type: Cold Shrink

Voltage: 35 kV

eClass 14 Classification Group: 27400107

3M™ Cold Shrink Insulator WF102

Part Number WF102 3M ID 7100022229 UPC 00051128601471

Details

Specially designed for primary insulation of solid dielectric insulated wires and cable splicing rated to 2000 volts
Simple installation which requires no tools
Sealing of terminal lug barrels, conduit couplings and conduit-to-cable breakouts
Made of EPDM rubber which contains no chlorides or sulfur
Covers a wide range of cable cross sections
Withstands temperatures of -40 to 90 degC (-40 to 194 degF)
Environmental sealing for communication and other non-electrical applications

Typical properties

Brands: 3M™
Cable Insulation Outside Diameter Range: 0.62-1.18 in
Cable Insulation Outside Diameter Range (Metric): 15.9 - 30.0 mm
Cable Type: Low Voltage Single Conductor Insulated Cable
Case Quantity: 10
Conductor Sizes (Imperial): 3/0 AWG-250 kcmil
Insulation O.D. Range: 0.62-1.18 in
Insulation O.D. Range (Metric): 15.7-30.1 mm
Material: EPDM Rubber
Maximum Conductor Size (Imperial): 250 kcmil
Maximum Conductor Size (Metric): 120 mm²
Maximum Operating Temperature (Celsius): 90 °C
Maximum Operating Temperature (Fahrenheit): 194 °F
Maximum Operating Voltage: 2000 Volt
Minimum Conductor Size (Imperial): 3/0 AWG
Minimum Conductor Size (Metric): 95 mm²
Minimum Operating Temperature (Celsius): -40 °C
Minimum Operating Temperature (Fahrenheit): -40 °F
Number of Conductors: 1
Voltage: 2000 V
eClass 14 Classification Group: 27400105

3M™ Cold Shrink Connector Insulator WF104

Part Number WF104 3M ID 7100022241 UPC 00051128601488

Details

Specially designed for primary insulation of solid dielectric insulated wires and cable splicing rated to 2000 volts
Simple installation which requires no tools
Sealing of terminal lug barrels, conduit couplings and conduit-to-cable breakouts
Made of EPDM rubber which contains no chlorides or sulfur
Covers a wide range of cable cross sections
Withstands temperatures of -40 to 90 degC (-40 to 194 degF)
Environmental sealing for communication and other non-electrical applications

Typical properties

Brands: 3M™
Cable Insulation Outside Diameter Range: 1.00-1.94 in
Cable Insulation Outside Diameter Range (Metric): 25.4-49.3 mm
Cable Type: Low Voltage Single Conductor Insulated Cable
Case Quantity: 10
Conductor Sizes (Imperial): 600-750 kcmil (Al) 600-1000 kcmil (Cu)
Insulation O.D. Range: 1.00-1.94 in
Insulation O.D. Range (Metric): 25.4-49.3 mm
Material: EPDM Rubber
Maximum Conductor Size (Imperial): 1000 kcmil (Copper), 750 kcmil (Aluminum)
Maximum Conductor Size (Metric): 400 mm² (Aluminum), 500 mm² (Copper)
Maximum Operating Temperature (Celsius): 90 °C
Maximum Operating Temperature (Fahrenheit): 194 °F
Maximum Operating Voltage: 2000 Volt
Minimum Conductor Size (Imperial): 600 kcmil (Aluminum), 600 kcmil (Copper)
Minimum Conductor Size (Metric): 300 mm² (Aluminum), 300 mm² (Copper)
Minimum Operating Temperature (Celsius): -40 °C
Minimum Operating Temperature (Fahrenheit): -40 °F
Number of Conductors: 1
Voltage: 2000 V
eClass 14 Classification Group: 27400105

3M™ Cold Shrink Insulator WF100

Part Number WF100 3M ID 7100022225 UPC 00051128601457

Details

Specially designed for primary insulation of solid dielectric insulated wires and cable splicing rated to 2000 volts
Simple installation which requires no tools
Sealing of terminal lug barrels, conduit couplings and conduit-to-cable breakouts
Made of EPDM rubber which contains no chlorides or sulfur
Covers a wide range of cable cross sections
Withstands temperatures of -40 to 90 degC (-40 to 194 degF)
Environmental sealing for communication and other non-electrical applications

Typical properties

Brands: 3M™
Cable Insulation Outside Diameter Range: 0.35-0.56 in
Cable Insulation Outside Diameter Range (Metric): 8.9-14.2 mm
Cable Type: Low Voltage Single Conductor Insulated Cable
Case Quantity: 10
Conductor Sizes (Imperial): 4-2 AWG
Insulation O.D. Range: 0.35-0.56 in
Insulation O.D. Range (Metric): 8.9-14.2 mm
Material: EPDM Rubber
Maximum Conductor Size (Imperial): 2 AWG
Maximum Conductor Size (Metric): 35 mm²
Maximum Operating Temperature (Celsius): 90 °C
Maximum Operating Temperature (Fahrenheit): 194 °F
Maximum Operating Voltage: 2000 Volt
Minimum Conductor Size (Imperial): 4 AWG
Minimum Conductor Size (Metric): 25 mm²
Minimum Operating Temperature (Celsius): -40 °C
Minimum Operating Temperature (Fahrenheit): -40 °F
Number of Conductors: 1
Voltage: 2000 V
eClass 14 Classification Group: 27400105

3M™ Cold Shrink Insulator WF101

Part Number WF101 3M ID 7100022226 UPC 00051128601464

Details

Specially designed for primary insulation of solid dielectric insulated wires and cable splicing rated to 2000 volts
Simple installation which requires no tools
Sealing of terminal lug barrels, conduit couplings and conduit-to-cable breakouts
Made of EPDM rubber which contains no chlorides or sulfur
Covers a wide range of cable cross sections
Withstands temperatures of -40 to 90 degC (-40 to 194 degF)
Environmental sealing for communication and other non-electrical applications

Typical properties

Brands: 3M™
Cable Insulation Outside Diameter Range: 0.45-0.82 in
Cable Insulation Outside Diameter Range (Metric): 11.4-20.8 mm
Cable Type: Low Voltage Single Conductor Insulated Cable
Case Quantity: 10
Conductor Sizes (Imperial): 1-2/0 AWG
Insulation O.D. Range: 0.45-0.82 in
Insulation O.D. Range (Metric): 11.4-20.8 mm
Material: EPDM Rubber
Maximum Conductor Size (Imperial): 2/0 AWG
Maximum Conductor Size (Metric): 70 mm²
Maximum Operating Temperature (Celsius): 90 °C
Maximum Operating Temperature (Fahrenheit): 194 °F
Maximum Operating Voltage: 2000 Volt
Minimum Conductor Size (Imperial): 1 AWG
Minimum Conductor Size (Metric): 50 mm²
Minimum Operating Temperature (Celsius): -40 °C
Minimum Operating Temperature (Fahrenheit): -40 °F
Number of Conductors: 1
Voltage: 2000 V
eClass 14 Classification Group: 27400105

3M™ Cold Shrink Insulator WF103

Part Number WF103 3M ID 7100022240 UPC 00051128595466

Details

Specially designed for primary insulation of solid dielectric insulated wires and cable splicing rated to 2000 volts
Simple installation which requires no tools
Sealing of terminal lug barrels, conduit couplings and conduit-to-cable breakouts
Made of EPDM rubber which contains no chlorides or sulfur
Covers a wide range of cable cross sections
Withstands temperatures of -40 to 90 degC (-40 to 194 degF)
Environmental sealing for communication and other non-electrical applications

Typical properties

Brands: 3M™
Cable Insulation Outside Diameter Range: 0.88-1.63 in
Cable Insulation Outside Diameter Range (Metric): 23,3 - 42,0 mm
Cable Type: Low Voltage Single Conductor Insulated Cable
Case Quantity: 10
Conductor Sizes (Imperial): 350-500 kcmil
Insulation O.D. Range: 0.88-1.63 in
Insulation O.D. Range (Metric): 22.4-41.4 mm
Material: EPDM Rubber
Maximum Conductor Size (Imperial): 500 kcmil
Maximum Conductor Size (Metric): 240 mm²
Maximum Operating Temperature (Celsius): 90 °C
Maximum Operating Temperature (Fahrenheit): 194 °F
Maximum Operating Voltage: 2000 Volt
Minimum Conductor Size (Imperial): 350 kcmil
Minimum Conductor Size (Metric): 185 mm²
Minimum Operating Temperature (Celsius): -40 °C
Minimum Operating Temperature (Fahrenheit): -40 °F
Number of Conductors: 1
Voltage: 2000 V
eClass 14 Classification Group: 27400105

3M™ Heat Shrink Thin-Wall Flexible Polyolefin Tubing FP-301

Details

A VARIETY OF APPLICATIONS: Offers a 2:1 shrink-fit ratio and serves as protection in wire-harnessing, split-resistance covering, wire marking, wire bundling, and component packaging

FLAME-RETARDANT TUBING: For applications up to 600V (clear is not flame retardant)

HIGH-STRENGTH PROTECTION: Balances electrical, physical, and chemical properties for various industrial and military applications

FOR DEMANDING CONDITIONS: Performs at an operating temperature up to 275 °F (135 °C)

KEY SPECIFICATIONS: UL Listed, File E-39100, SAE AS23053/5, Class 1 (all colors), Class 2 (clear), CSA Certified, and RoHS 2011/65/EU Compliant

Typical properties

Additional Flammability Rating: 23053/5 class1

Agency Approvals: CSA, CSA, UL Recognized, CSA Certified, UL Recognized, UL Recognized, CSA Certified, ABS, and AMS 3636 & 3637

Applicable SAE-AMS-DTL-23053 Specifications: 23053/5 class 1

Application Specifications: ABS

Assortment Kits: Yes

Brands: 3M™

Dielectric Strength: 900 V/mil

Elongation: 175 %, 175 Decibel, 400 %, 400 Decibel

Expanded Inner Diameter: 0.046 in, 0.06 in, 0.063 in, 0.093 in, 0.125 in, 0.187 in, 0.25 in, 0.375 in, 0.5 in, 0.75 in, 1 in, 1.25 in, 1.5 in, 2 in, 3 in, 4 in

Expanded Inner Diameter (Metric): 1.17 mm, 1.59 mm, 1.6 mm, 101.6 mm, 12.70 mm, 19.05 mm, 2.36 mm, 25.40 mm, 3.18 mm, 31.75 mm, 38.1 mm, 38.10 mm, 4.75 mm, 50.8 mm, 50.80 mm, 6.35 mm, 76.2 mm, 9.5 mm, 9.53 mm

Flame Retardant: No, Yes, Yes (except clear)

Flammability Rating: No Flame Rating, UL 224 All Tubing Flame Test

Heat Shrink Type: Heat Shrink Tubing Kits, Single-Wall Polyolefin Heat Shrink Tubing

Inner Diameter After Shrink (Imperial): 0.023 in, 0.031 in, 0.046 in, 0.062 in, 0.093 in, 0.125 in, 0.187 in, 0.25 in, 0.252 in, 0.375 in, 0.5 in, 0.63 in, 0.75 in, 1 in, 1.5 in, 2 in

Inner Diameter After Shrink (Metric): 0.58 mm, 0.787 mm, 0.79 mm, 1.16 mm, 1.17 mm, 1.57 mm, 2.36 mm, 3.17 mm, 3.18 mm, 3.75 mm, 4.75 mm, 6.35 mm, 7.87 mm, 9.53 mm, 12.7 mm, 16 mm, 19.05 mm, 21.7 mm, 25.4 mm, 38.1 mm, 50.8 mm

Inner Diameter Before Shrink (Imperial): 0.046 in, 0.063 in, 0.093 in, 0.125 in, 0.187 in, 0.25 in, 0.375 in, 0.472 in, 0.5 in, 0.75 in, 1 in, 1.25 in, 1.5 in, 2 in, 3 in, 4 in

Inner Diameter Before Shrink (Metric): 1.17 mm, 1.6 mm, 2.36 mm, 3.18 mm, 4.75 mm, 6.35 mm, 9.53 mm, 12.7 mm, 19.05 mm, 25.4 mm, 31.75 mm, 38.1 mm, 50.8 mm, 76.2 mm, 101.6 mm

Material: Flexible Polyolefin, Polyolefin

Maximum Operating Temperature (Celsius): 135 °C

Maximum Operating Temperature (Fahrenheit): 275 °F
Mil Spec: AMS-DTL-23053/5, Class 1, AMS-DTL-23053/5, Class 2, SAE-AMS-DTL-23053/5, Class 1, SAE-AMS-DTL-23053/5, Class 2
Minimum Expanded Tubing I. D.: 0.063 in, 0.093 in, 0.125 in, 0.187 in, 0.25 in, 0.375 in, 0.5 in, 0.75 in, 1 in, 2 in, 3 in, 4 in
Minimum Shrink Temperature (Celsius): 100 °C
Non-Corrosive: Yes
Operating Temperature (Celsius): -55 to 135 Degrees Celsius
Operating Temperature (Fahrenheit): -67 °F to 275 °F
Operating Temperature Range (Celsius): -55 °C to +135 °C, -55 °C to 135 °C
Operating Temperature Range (Fahrenheit): -67 °F to 275 °F
Product Color: Black, Blue, Green, Red, Transparent, White, Yellow
Product Form: 48 in (1.22 m) sticks, 48 in (1.22 m) sticks with header label, 6 in (15.24 cm) pieces, Spool, Stick, Tube
Product Type: Single (Thin) Wall Tubing
Recovered Inner Diameter: 0.02 in, 0.023 in, 0.031 in, 0.046 in, 0.05 in, 0.06 in, 0.062 in, 0.09 in, 0.093 in, 0.125 in, 0.13 in, 0.187 in, 0.19 in, 0.25 in, 0.31 in, 0.375 in, 0.5 in, 0.63 in, 0.75 in, 1 in, 1.5 in, 2 in, 3 in
Recovered Inner Diameter (Metric): 0.58 mm, 0.5842 mm, 0.7874 mm, 0.8 mm, 1.1684 mm, 1.17 mm, 1.57 mm, 1.5748 mm, 2.36 mm, 2.3622 mm, 3.175 mm, 3.18 mm, 4.7498 mm, 4.75 mm, 6.35 mm, 6.4 mm, 9.52 mm, 9.525 mm, 12.7 mm, 16.002 mm, 19.05 mm, 19.1 mm, 25.4 mm, 38.1 mm, 50.8 mm
Recovered Wall Thickness: 0.025 in
Shrink Ratio: 2:1
Size (Metric): 2.38 mm, 1.17 mm, 38.1 mil, 101.6 mm, 76.2 mm, 25.4 mil, 1.59 mm, 4.75 mm, 9.52 mm, 19.05 mm, 50.8 mm, 6.35 mm, 12.7 mm, 38.1 mm, 3.18 mm, 50.8 mil, 3.18 none, 4.75 none, 12.7 mil, 25.4 mm
Solution for: Access Network: FTTH/FTTB/CATV, Access Network: xDSL, Long-haul/Metro Loop Network: CO/POP, Long-haul/Metro Loop Network: Outdoor, Wireless Network: Backhaul, Wireless Network: Infrastructure Accessories, Wireless Network: Weatherproofing
Tensile Strength (Imperial): 2400 Pound-Force Per Square Inch
Tubing Type: Single (Thin) Wall, Single Wall (Thin)
UL Approval: Yes
UL Bug Temperature (Celsius): 125 Degrees Celsius
UL Bug Temperature (Fahrenheit): 257 Degrees Fahrenheit
UL Bug Voltage: 600 Volt
UL File Number: E-39100
Units per Case:
200.0, 50.0, 25.0, 14.0, 1.0, 24.0, 35.0, 12.0, 2.0, 3.0, 10.0, 250.0, 21.0, 5.0, 133.0, 100.0, 102.0, 125.0, 28.0
With Inner Glue: No
eClass 14 Classification Group: 27400105

Dimensions and Classifications

Overall Length (Imperial): 6 in, 48 in, 50 ft, 100 ft, 150 ft, 200 ft, 250 ft, 500 ft, 1000 ft
Overall Length (Metric): 1.219 m, 15.2 m, 15.24 cm, 15.24 m, 30.5 m, 152 mm, 1220 mm

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