

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

The 3M™ Cold Shrink QS-III Shielded Cable Splices 5513A, 5514A, 5515A and 5516A Series are 15 kV class inline splices for joining tape shield, wire shield, UniShield® or longitudinally corrugated (LC) shielded power cables. It is a cold shrink design sized to fit Type MV-90 or Type MV-105 cables with copper, or aluminum conductor sizes ranging from 2 AWG-1000 kcmil (35-500 mm²). The cold shrink splice body is a one-piece molded design made of special formulated silicone rubbers, while the cold shrink jacketing is made of EPDM rubber for physical protection. Each splice manufactured is factory tested to provide reliability.

The splices can be used with standard copper (Cu) or aluminum (Al/Cu) inline compression (crimp type) connectors, and can be used for size transitions within the listed kit size range. They are designed to exceed minimum industry test standards, and have a BIL rating of 150 kV (equal to a 25 kV voltage class). The 5513A, 5514A, 5515A and 5516A QS-III splices meet or exceed the 15 kV Voltage Class rating requirements of IEEE 404. Each kit makes one splice.

Note: Cable sizes shown below are for standard insulation thickness. Final determining factor is cable insulation O.D.

Voltage	15 kV	
Number of Conductors	Single Conductor	
Shielding Type	Tape Shield, Wire Shield, UniShield®, Longitudinally Corrugated (LC) Shield	
Splice Type	Inline	
Technology	Cold Shrink	

Order No.	UPC	Insulation O.D. Range	Conductor Size	Connector Included	Case Qty.
5513A	051128-53480	0.64"-1.01" (16,3-25,7 mm)	2-4/0 AWG	-	1
5513A-2-AL	051128-53481	0.64"-1.01" (16,3-25,7 mm)	2 AWG	20003	1
5513A-2-CU	051128-53482	0.64"-1.01" (16,3-25,7 mm)	2 AWG	10003	1
5513A-1-AL	051128-53483	0.64"-1.01" (16,3-25,7 mm)	1 AWG	20004	1
5513A-1-CU	051128-53484	0.64"-1.01" (16,3-25,7 mm)	1 AWG	10004	1
5513A-1/0-AL	051128-53485	0.64"-1.01" (16,3-25,7 mm)	1/0 AWG	20005	1
5513A-1/0-CU	051128-53486	0.64"-1.01" (16,3-25,7 mm)	1/0 AWG	10005	1
5513A-2/0-AL	051128-53487	0.64"-1.01" (16,3-25,7 mm)	2/0 AWG	20006	1
5513A-2/0-CU	051128-53488	0.64"-1.01" (16,3-25,7 mm)	2/0 AWG	10006	1
5513A-3/0-AL	051128-53489	0.64"-1.01" (16,3-25,7 mm)	3/0 AWG	20007	1
5513A-3/0-CU	051128-53490	0.64"-1.01" (16,3-25,7 mm)	3/0 AWG	10007	1
5513A-4/0-AL	051128-53491	0.64"-1.01" (16,3-25,7 mm)	4/0 AWG	20008	1
5513A-4/0-CU	051128-53492	0.64"-1.01" (16,3-25,7 mm)	4/0 AWG	10008	1
5514A	054007-44101	0.84"-1.38" (21,3-35,1 mm)	4/0 AWG-500 kcmil	-	1
5514A-CA-1	051128-57151	0.64"-1.38" (16,3-35,1 mm)	2 AWG-500 kcmil	-	1
5514A-4/0-AL	054007-44102	0.84"-1.38" (21,3-35,1 mm)	4/0 AWG	20008	1
5514A-4/0-CU	054007-44103	0.84"-1.38" (21,3-35,1 mm)	4/0 AWG	10008	1
5514A-250-AL	054007-44104	0.84"-1.38" (21,3-35,1 mm)	250 kcmil	20009	1
5514A-250-CU	054007-44105	0.84"-1.38" (21,3-35,1 mm)	250 kcmil	10009	1
5514A-350-AL	054007-44106	0.84"-1.38" (21,3-35,1 mm)	350 kcmil	20011	1
5514A-350-CU	054007-44107	0.84"-1.38" (21,3-35,1 mm)	350 kcmil	10011	1
5514A-500-AL	054007-44407	0.84"-1.38" (21,3-35,1 mm)	500 kcmil	20014	1
5514A-500-CU	054007-44408	0.84"-1.38" (21,3-35,1 mm)	500 kcmil	10014	1
5515A	054007-42134	1.04"-1.70" (26,4-43,2 mm)	350-750 kcmil	-	1
5515A-350-AL	054007-42135	1.04"-1.70" (26,4-43,2 mm)	350 kcmil	20011	1
5515A-350-CU	054007-42898	1.04"-1.70" (26,4-43,2 mm)	350 kcmil	10011	1
5515A-500-AL	054007-42899	1.04"-1.70" (26,4-43,2 mm)	500 kcmil	20014	1
5515A-500-CU	054007-42136	1.04"-1.70" (26,4-43,2 mm)	500 kcmil	10014	1
5515A-750-AL	054007-42900	1.04"-1.70" (26,4-43,2 mm)	750 kcmil	20019	1