

35 kV: 3M™ Cold Shrink Splice Kits: Single Conductor (1/C)

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

3M™ Cold Shrink QS-III Inline CN/JCN Cable Splices 5467A, 5467A-WG, 5468A and 5468A-WG are inline splices for joining 35 kV jacketed concentric neutral (JCN) or concentric neutral (CN) power cables. It is a cold shrink design. The cold shrink splice body is a one-piece molded design made of specially formulated silicone rubbers, while the jacketing is made of EPDM rubber for its special physical properties. Each splice is high-voltage production tested to ensure 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 250 kV (equal to a 46 kV voltage class). The 3M™ Cold Shrink QS-III Splices 5467A, 5467A-WG, 5468A and 5468A-WG meet or exceed the 35 kV Voltage Class rating requirements of IEEE 404.

Kits can be ordered with connectors packed in the kit, or the kit and connector can be ordered as separate items. Each kit makes one splice.

Note: 5467A-WG and 5468A-WG are partially jacketed splices containing built-in bleeder wires. Additional end user materials are required to convert to full jacketing.

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

Voltage	35 kV
Number of Conductors	Single Conductor
Shielding Type	Concentric Neutral (CN), Jacketed Concentric Neutral (JCN)
Splice Type	Inline
Technology	Cold Shrink



Order No.	UPC	Insulation O.D. Range	Conductor Size	Connector Included	Case Qty.
5467A	054007-43051	1.07"-1.70" (27,2-43,2 mm)	1/0 AWG-350 kcmil (60-185 mm ²)	-	1
5467A-1/0-AL	054007-43052	1.07"-1.70" (27,2-43,2 mm)	1/0 AWG	20005	1
5467A-1/0-CU	054007-43057	1.07"-1.70" (27,2-43,2 mm)	1/0 AWG	10005	1
5467A-2/0-AL	054007-43053	1.07"-1.70" (27,2-43,2 mm)	2/0 AWG	20006	1
5467A-2/0-CU	054007-43058	1.07"-1.70" (27,2-43,2 mm)	2/0 AWG	10006	1
5467A-3/0-AL	054007-43054	1.07"-1.70" (27,2-43,2 mm)	3/0 AWG	20007	1
5467A-3/0-CU	054007-43059	1.07"-1.70" (27,2-43,2 mm)	3/0 AWG	10007	1
5467A-4/0-AL	054007-43055	1.07"-1.70" (27,2-43,2 mm)	4/0 AWG	20008	1
5467A-4/0-CU	054007-43060	1.07"-1.70" (27,2-43,2 mm)	4/0 AWG	10008	1
5467A-250-AL	054007-43056	1.07"-1.70" (27,2-43,2 mm)	250 kcmil	20009	1
5467A-250-CU	054007-43061	1.07"-1.70" (27,2-43,2 mm)	250 kcmil	10009	1
5467A-350-AL	054007-04589	1.07"-1.70" (27,2-43,2 mm)	350 kcmil	20011	1
5467A-350-CU	054007-04590	1.07"-1.70" (27,2-43,2 mm)	350 kcmil	10011	1
5467A-WG	051128-53883	1.07"-1.70" (27,2-43,2 mm)	1/0 AWG-350 kcmil (60-185 mm ²)	-	1
5468A	054007-43062	1.24"-2.07" (31,5-52,6 mm)	350-1000 kcmil (185-500 mm ²)	-	1
5468A-350-AL	054007-43063	1.24"-2.07" (31,5-52,6 mm)	350 kcmil	20011	1
5468A-350-CU	054007-43067	1.24"-2.07" (31,5-52,6 mm)	350 kcmil	10011	1
5468A-500-AL	054007-43064	1.24"-2.07" (31,5-52,6 mm)	500 kcmil	20014	1
5468A-500-CU	054007-43068	1.24"-2.07" (31,5-52,6 mm)	500 kcmil	10014	1
5468A-750-AL	054007-43065	1.24"-2.07" (31,5-52,6 mm)	750 kcmil	20019	1
5468A-750-CU	054007-43069	1.24"-2.07" (31,5-52,6 mm)	750 kcmil	10019	1
5468A-1000-AL	054007-43066	1.24"-2.07" (31,5-52,6 mm)	1000 kcmil	20024	1
5468A-1000-CU	054007-43070	1.24"-2.07" (31,5-52,6 mm)	1000 kcmil	10024	1
5468A-WG	051128-53909	1.24"-2.07" (31,5-52,6 mm)	350-1000 kcmil (185-500 mm ²)	-	1