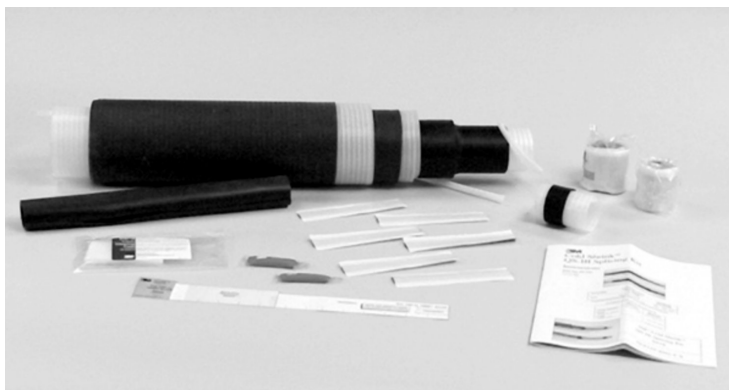


25/28 kV Medium Voltage Splices

The following 3M products cover splicing needs for applications up to 25/28 kV, and promote dependable performance, stability and long life with every splice you make.



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3M™ Cold Shrink QS-III Inline CN/JCN Cable Splice Kits 5456A, 5457A and 5458A Series

3M™ Cold Shrink QS-III Inline CN/JCN Cable Splices 5456A-WG, 5457A-WG and 5458A-WG are inline splices for joining 25/28 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. Kits can be ordered with connectors packed in the kit or the kit and connector can be ordered as separate items. Meets requirements of IEEE 404.

Each kit makes one splice.

Note: 5456A-WG, 5457A-WG and 5458A-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	25/28 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.	Conductor Size	Connector Included	Case Qty.
5456A	051128-53793	0.84"-1.36" (21,3-34,5 mm)	1 AWG-250 kcmil (50-120 mm ²)	-	1
5456A-1-AL	051128-53794	0.84"-1.36" (21,3-34,5 mm)	1 AWG	20004	1
5456A-1-CU	051128-53795	0.84"-1.36" (21,3-34,5 mm)	1 AWG	10004	1
5456A-1/0-AL	051128-53796	0.84"-1.36" (21,3-34,5 mm)	1/0 AWG	20005	1
5456A-1/0-CU	051128-53797	0.84"-1.36" (21,3-34,5 mm)	1/0 AWG	10005	1
5456A-2/0-AL	051128-53798	0.84"-1.36" (21,3-34,5 mm)	2/0 AWG	20006	1
5456A-2/0-CU	051128-53799	0.84"-1.36" (21,3-34,5 mm)	2/0 AWG	10006	1
5456A-3/0-AL	051128-53800	0.84"-1.36" (21,3-34,5 mm)	3/0 AWG	20007	1
5456A-3/0-CU	051128-53801	0.84"-1.36" (21,3-34,5 mm)	3/0 AWG	10007	1
5456A-4/0-AL	051128-53802	0.84"-1.36" (21,3-34,5 mm)	4/0 AWG	20008	1
5456A-4/0-CU	051128-53803	0.84"-1.36" (21,3-34,5 mm)	4/0 AWG	10008	1
5456A-250-AL	051128-53935	0.84"-1.36" (21,3-34,5 mm)	250 kcmil	20009	1
5456A-250-CU	051128-53936	0.84"-1.36" (21,3-34,5 mm)	250 kcmil	10009	1
5456A-WG	051128-53804	0.84"-1.36" (21,3-34,5 mm)	1 AWG-250 kcmil (50-120 mm ²)	-	1
5457A	054007-42149	1.07"-1.70" (27,2-43,2 mm)	250-500 kcmil (120-240 mm ²)	-	1
5457A-250-AL	051128-53836	1.07"-1.70" (27,2-43,2 mm)	250 kcmil	20009	1
5457A-250-CU	051128-53837	1.07"-1.70" (27,2-43,2 mm)	250 kcmil	10009	1
5457A-350-AL	054007-42132	1.07"-1.70" (27,2-43,2 mm)	350 kcmil	20011	1
5457A-350-CU	054007-44238	1.07"-1.70" (27,2-43,2 mm)	350 kcmil	10011	1
5457A-500-AL	054007-42133	1.07"-1.70" (27,2-43,2 mm)	500 kcmil	20014	1
5457A-500-CU	054007-44239	1.07"-1.70" (27,2-43,2 mm)	500 kcmil	10014	1
5457A-WG	054007-43416	1.07"-1.70" (27,2-43,2 mm)	250-500 kcmil (120-240 mm ²)	-	1
5458A	054007-42908	1.24"-2.07" (31,5-52,6 mm)	500-1000 kcmil (240-500 mm ²)	-	1
5458A-500-AL	054007-04593	1.24"-2.07" (31,5-52,6 mm)	500 kcmil	20014	1
5458A-500-CU	054007-04594	1.24"-2.07" (31,5-52,6 mm)	500 kcmil	10014	1
5458A-750-AL	054007-42909	1.24"-2.07" (31,5-52,6 mm)	750 kcmil	20019	1