

3M™ QS-III SPLICES -35 KV WINDPLANT DESIGN

3M™ QS-III 5467 and 5468 Cold Shrink Cable Splices FOR WIND PLANTS

Cold Shrink series splicing kits 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 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.

Each kit makes one splice.

Concentric Neutral (CN) Cable

Jacketed Concentric Neutral (JCN) Cable

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

See above for cable type illustrations.

3M QS-III 5467 and 5468 Cold Shrink Series Selection-**SITE SPECIFIC NUMBERS MAY BE USED FOR INDIVIDUAL PARK DESIGNS**

5467 SERIES SPLICES 1/0-350 MCM 35 KV INSULATION STANDARD

Series	O.D.	Range	Conductor Part number
5467-WF	1.05 - 1.68"	1/0 AWG THRU 350 kcmil	NONE INCLUDED
5467(S)-9-AL-WF *	0.99 - 1.68"	1/0 AWG	20005
5467-9-AL-WF	1.05 - 1.68"	1/0 AWG	20005
5467(S)-9-CU-WF *	0.99 - 1.68"	1/0 AWG	10005
5467-9-CU-WF	1.05 - 1.68"	1/0 AWG	10005
5467-10-AL-WF	1.05 - 1.68"	2/0 AWG	20006
5467-10-CU-WF	1.05 - 1.68"	2/0 AWG	10006
5467-11-AL-WF	1.05 - 1.68"	3/0 AWG	20007
5467-11-CU-WF	1.05 - 1.68"	3/0 AWG	10007
5467-12-AL-WF	1.05 - 1.68"	4/0 AWG	20008
5467-12-CU-WF	1.05 - 1.68"	4/0 AWG	10008
5467-13-AL-WF	1.05 - 1.68"	250 kcmil	20009
5467-13-CU-WF	1.05 - 1.68"	250 kcmil	10009
5467-14-AL-WF	1.05 - 1.68"	350 kcmil	20011
5467-14-AL-WF	1.05 - 1.68"	350 kcmil	10011

* "S" for special small CONDUCTOR SIZES contact representative

5468 SERIES SPLICES 1/0-350 MCM 35 KV INSULATION STANDARD

Series	O.D.	Range	Conductor PART NUMBER
5468 -WF	1.31 - 2.12"	350 MCM THRU 1000 kcmil	None
5468-15-AL-WF	1.31 - 2.12"	350 kcmil	20011
5468-15-AL-WF	1.31 - 2.12"	350 kcmil	10011
5468-15-AL-WF	1.31 - 2.12"	500 kcmil	20014
5468-15-AL-WF	1.31 - 2.12"	500 kcmil	10014
5468-17-AL-WF	1.31 - 2.12"	750 kcmil	20019
5468-17-AL-WF	1.31 - 2.12"	750 kcmil	10019
5468(L)-19-AL-WF	1.31 - 2.12"	1000 kcmil	20024
5468(L)-19-AL-WF	1.31 - 2.12"	1000 kcmil	10024

3M™ QS-III CROSSBOND SPLICES- 35 KV WINDPLANT DESIGN

3M™ QS-III 5467 and 5468 Cold Shrink Cable Splices FOR WIND PLANTS

Cold Shrink series splicing kits 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 rubber for its special physical properties. Each splice is high-voltage production tested to ensure reliability.

Each kit makes one CROSSBOND splice.

Concentric Neutral (CN) Cable

Jacketed Concentric Neutral (JCN) Cable

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

See above for cable type illustrations.

**3M QS-III 5467 and 5468 Cold Shrink Series Selection SITE SPECIFIC NUMBERS
MAY BE USED FOR INDIVIDUAL PARK DESIGNS**

5467-XB SERIES SPLICES 1/0-350 MCM 35 KV INSULATION STANDARD

5467-12-AL-WF-XB	1.05 - 1.68"	4/0 AWG	20008
5467-12-CU-WF-XB	1.05 - 1.68"	4/0 AWG	10008
5467-13-AL-WF-XB	1.05 - 1.68"	250 kcmil	20009
5467-13-CU-WF-XB	1.05 - 1.68"	250 kcmil	10009
5467-14-AL-WF-XB	1.05 - 1.68"	350 kcmil	20011
5467-14-AL-WF-XB	1.05 - 1.68"	350 kcmil	10011

Smaller sizes available upon request

5468-XB SERIES SPLICES 1/0-350 MCM 35 KV INSULATION STANDARD

Series	O.D.	Range	Conductor Size
5468-15-AL-WF-XB	1.31 - 2.12"	350 kcmil	20011
5468-15-AL-WF-XB	1.31 - 2.12"	350 kcmil	10011
5468-15-AL-WF-XB	1.31 - 2.12"	500 kcmil	20014
5468-15-AL-WF-XB	1.31 - 2.12"	500 kcmil	10014
5468-17-AL-WF-XB	1.31 - 2.12"	750 kcmil	20019
5468-17-AL-WF-XB	1.31 - 2.12"	750 kcmil	10019
5468(L)-19-AL-WF-XB	1.31 - 2.12"	1000 kcmil	20024
5468(L)-19-AL-WF-XB	1.31 - 2.12"	1000 kcmil	10024