

# 1/C, 15 kV and 25/28 kV JCN/CN, and Power Shielded Repair Splices

## 3M™ Cold Shrink QS-III Cable Repair Splices

The 3M Cold Shrink Quick Splice III Cable Repair Splice is a 15 kV and 25/28 kV class inline splice designed to serve as a cable repair for distribution/feeder class power cables. It is designed to replace up to 10 inches (254 mm) of damaged cable, thus eliminating the need to splice in a new section of cable with two separate splices.

The 3M Cold Shrink splice body is a one-piece molded design made of specially formulated silicone rubber, while the cold shrink jacketing is made from EPDM rubber for physical protection. Each splice manufactured is factory tested to ensure reliability.



The splice can be used with 3M 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 200 kV (equal to a 35 kV voltage class). 5457AR and 5457ARS QS-III splices meet or exceed the 25/28 kV Voltage Class rating requirements of ANSI/IEEE Std. 404-1993.

## 3M Cold Shrink QS-III Cable Repair Splices

Kit Number	Cable Type	Cable Insulation O.D. Range	Conductor Size Range 15 kV	Conductor Size Range 25/28 kV
5457ARS-WG 5457ARS	Concentric Jacketed Concentric	0.972-1.48" (25-38 mm)	250-500	3/0-350
5457AR-WG 5457AR	Concentric Jacketed Concentric	1.05-1.68" (27-43 mm)	500-1000	350-750
5525ARS	Tape Shield Wire Shield LC Shield	0.972-1.48" (25-38 mm)	250-500	3/0-350
5525AR	Tape Shield Wire Shield LC Shield	1.05-1.68" (27-43 mm)	500-1000	350-750

Note: 3M Repair Connectors are required with these splice kits. 3M Repair Connectors are 15" in length. They are designed for standard, compact, and compressed conductors. Connectors can be designed specially for any application. Special order connectors require 6-8 week lead times. Transition connectors are also available. Please consult your local 3M sales representative.

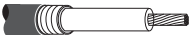


**These QS-III repair splices are only available in Canada.**

# 600 V and 1 kV, Non-Shielded Splices

## 3M™ Splices for 1C, 3C and 4C, Armored or Non-Armored Cable TS Series

3M™ Low Voltage Tape Splicing Kits are applicable for indoor and outdoor installations, including direct burial, aerial and submersible applications. The TS series accommodates a full range of cable sizes.

### Ordering Information Splice Kit 1 kV

Size AWG kcmil	1C Splice Kit	3C Splice Kit	4C Splice Kit
			
14	TS	TS	TS
12	TS	TS	TS
10	TS	TS	TS
8	TS	TS	TS
6	TS	TS	TS
4	TS	TS	TS
3	TS	TS	TS
2	TS	TS	TS
1	TS	TS	TS
1/0	TS	TS	TS
2/0	TS	TS	TS
3/0	TS	TS	TS
4/0	TS	TS	TS
250	TS	TS1	TS1
300	TS	TS1	TS1
350	TS	TS1	TS1
400	TS	TS1	TS1
500	TS	TS1	TS1
600	TS	TS1	TS1
750	TS	TS1	TS1
1000	TS	TS1	TS1

These are only available in Canada.