

5/8 kV: Shielded: Single Conductor (1/C)

3M™ Cold Shrink Shielded Splice Kits 5550 Series

3M™ Cold Shrink Shielded Splice Kit 5550 Series are for splicing 5 kV and 8 kV shielded, solid dielectric, power cables. Meets requirements of IEEE 404. Each kit contains all the materials (except connectors and optional ground strap) required to construct three (3) single conductor splices on Tape Shield, Wire Shield or UniShield® cables.

Note: The kit can also be used to splice a shielded to a non-shielded 5/8 kV cable.

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

Voltage

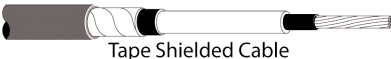
Number of Conductors

Shielding Type

Splice Type

Technology

5/8 kV
3 Single Conductors
Tape Shield, Wire Shield, UniShield®
Inline
Cold Shrink, Tape



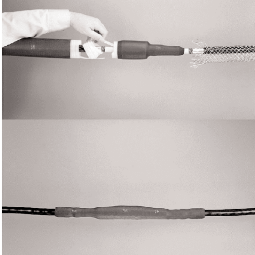
Tape Shielded Cable



Wire Shielded Cable



UniShield® Cable



Order No.	UPC	Conductor Size, Cu	Conductor Size, Al	Max Connector Length, Cu	Max Connector Length, Al	Typical Splice Length	Suggested Accessory	Case Qty.
5551	054007-09089	6-4/0 AWG (14-100 mm ²)	6-3/0 AWG (14-80 mm ²)	3.3" (84 mm)	2.7" (69 mm)	19.0" (482,6 mm)	3M Ground Strap Assembly GS-1	1
5552	054007-09090	4/0 AWG-500 kcmil (120-250 mm ²)	4/0 AWG-400 kcmil (120-200 mm ²)	4.3" (109 mm)	3.7" (94 mm)	21.0" (533,4 mm)	3M Ground Strap Assembly GS-2	1
5553	054007-09091	500-1000 kcmil (300-500 mm ²)	500-1000 kcmil (300-500 mm ²)	6.3" (160 mm)	5.3" (135 mm)	23.0" (584,2 mm)	3M Ground Strap Assembly GS-3	1