

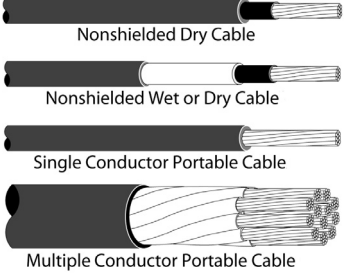


3M™ Resin Splice Kits

3M™ Scotchcast™ Inline Resin Power Cable Splice Kits 82-A Series

Use the 3M™ Scotchcast™ Inline Resin Splice Kits 82-A Series to insulate and seal single conductor, unshielded cable splices through 5 kV and multiple conductor cables through 1 kV. Designed for use in weather-exposed or direct-burial locations. UL listed for direct burial and submerged applications up to 600 V and 90°C. For use with UL listed connectors only.

Important: Use insulation jacket or connector O.D. for final ordering criteria.

*Conductor size is 3/0 AWG–500 kcmil when using a 3M™ Scotchlok™ Copper Compression Connector 10014.

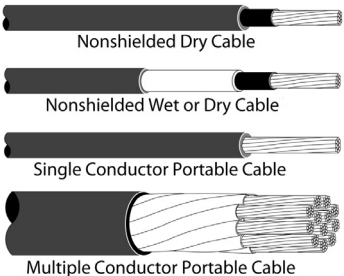

Voltage	600 V or less (Direct Bury and Submerged Applications); 1000 V (Multiple); 5 kV (Single)		
Number of Conductors	Single and Multiple		
Cable/Shielding Type	Multiple Conductor Portable Cable, Non-Shielded, Single Conductor Portable Cable		
Splice Type	Resin		
RoHS 2011/65/EU	Yes		
Agency Approvals	 Certified for 600 V or less		

Order No.	UPC	Conductor Size	Max. Connector O.D.	Max. Cable O.D.	Max. Sheath Opening (L)	Case Qty.
82-A	054007-25016	10-2 AWG	0.406" (10,3 mm)	0.75" (19,1 mm)	4.5" (114,3 mm)	10
82-A1	054007-25024	18-2 AWG	0.406" (10,3 mm)	0.625" (15,9 mm)	4.5" (114,3 mm)	10
82-A2	054007-25032	2-3/0 AWG	0.625" (15,9 mm)	1.00" (25,4 mm)	6.0" (152,4 mm)	10
82-A3	054007-25040	3/0 AWG-400 kcmil*	1.00" (25,4 mm)	1.56" (39,7 mm)	9.0" (228,6 mm)	10

3M™ Scotchcast™ Wye Resin Splice Kit 82-B1

3M™ Scotchcast™ Wye Resin Splice Kit 82-B1 insulates and seals wye splices for compression tap connectors (e.g., C-tap or H-tap) rated for cables up to 5 kV. Use on nonshielded cables through 5 kV and on multiple conductor cables through 1 kV.

This kit will accommodate both split bolt and crimped conductors. Each kit makes one splice. Connectors are not included in the kit and must be purchased separately.

Voltage	1000 V; 5 kV		
Number of Conductors	Multiple (1000 V), Single (5 kV)		
Cable/Shielding Type	Multiple Conductor Portable Cable, Non-Shielded, Single Conductor Portable Cable		
Splice Type	Resin		
RoHS 2011/65/EU	Yes		

Order No.	UPC	Voltage Rating	Cable O.D.	Max. Conductor Size – Split Bolt	Max. Conductor Size – Crimped	Case Qty.
82-B1	054007-25057	5 kV (Single); 1 kV (Multiple)	0.25"-0.625" (6,4-16,0 mm)	4 AWG	2 AWG	10