

3M™ Resin Splice Kits




3M™ Scotchcast™ Multi-Mold Resin Splice Kits 85 Series

The 3M™ Scotchcast™ Multi-Mold Resin Splice Kit 85 Series are used to electrically insulate odd-sized and odd-shaped splices on cables rated through 1 kV. These flexible plastic molds are easily formed around splices. Within 30 minutes after the resin has been poured, the splice is ready for service – above ground or buried.

The 85-14CP splice is specifically designed for use in cathodic protection with 3M™ Scotchcast™ Electrical Insulating Resin 4.

Each kit makes one splice. Connectors are not included and must be ordered separately.

* Single Conductor Cable

Voltage	1000 V or less	 <p>Single Conductor Cable</p>	 <p>Multiple Conductor Cable</p>	
Number of Conductors	Single; Multiple			
Cable/Shielding Type	Non-shielded			
Splice Type	Resin			
Applications	Splice cables rated up to 1000 V for inline, wye, or 4-way non-shielded cable in direct bury applications.			
RoHS 2011/65/EU	Yes			

Order No.	UPC	Max. Conductor, Split Bolt	Max. Conductor, H- or C-Tap Compression	Max. Conductor, Inline Compression	Max. Connector Size (height + width)	Max. Sheath Opening	Max. Cable O.D., Wye or 4-Way	Case Qty.
85-10	054007-11846	8 AWG (stranded)	4 AWG (stranded)	-	1-3/4" (44,5 mm)	3-1/2" (88,9 mm)	Run & Tap: 7/16" (11,1 mm)	10
85-12	054007-11847	1 AWG (stranded)	2/0 AWG (stranded)	-	2-3/4" (69,9 mm)	3-1/2" (88,9 mm)	Run & Tap: 3/4" (19,1 mm)	10
85-14	054007-11848	2/0 AWG (stranded)	4/0 AWG (stranded)	-	3-1/4" (82,6 mm)	6-1/2" (165,1 mm)	Run & Tap: 7/8" (22,2 mm)	10
85-14-CP*	054007-31927	2/0 AWG (stranded)	4/0 AWG (stranded)	-	3-1/4" (82,6 mm)	9" (228,6 mm)	Run & Tap: 7/8" (22,2 mm)	10
85-16	054007-02403	250 kcmil (run) 2/0 AWG (tap)	500 kcmil (run) 4/0 AWG (tap)	750 kcmil	Split Bolt: 3-3/4" (95,3 mm) H- or C-Tap Compression: 6" (152,4 mm)	9" (228,6 mm)	Run & Tap: 7/8" (22,2 mm) Inline: 1-1/2" (38,1 mm)	10