

1 kV to 5 kV Non-Shielded Resin Splices

3M™ Scotchcast™ Inline Resin Splice Kit 82-A Series



Use the 3M Scotchcast Inline Resin Kit 82-A Series to insulate and seal single conductor, unshielded cable splices through 5 kV and multiple conductor cables through 1 kV.

The 82-A series is UL Listed 486D,

File Number E102356. Connector is not included, order separately. Each kit makes one splice.



Nonshielded Dry Cable



Nonshielded Wet or Dry Cable



Single Conductor Portable Cable



Multiple Conductor Portable Cable

3M Scotchcast Inline Resin Kit 82-A Series Selection

Product Series	UPC (054007-)	Maximum Cable O.D.	Maximum Connector O.D.	Conductor Size*	Inner Pack	Case Qty.
Non-Shielded Dry Cable, 5 kV, Nonshielded Wet or Dry Cable, 5 kV, Single Conductor Cable to 1000 Volt, Multiple Conductor, to 1000 Volt, Cable See above for cable type illustrations.						
82-A	25016	0.750" (19 mm)	0.406" (10 mm)	10-2 AWG (6-30 mm ²)	1/box	10
82-A1	25024	0.625" (16 mm)	0.406" (10 mm)	Up to 2 AWG (30 mm ²)	1/box	10
82-A2	25032	1.000" (25 mm)	0.625" (16 mm)	2-3/0 AWG (35-80 mm ²)	1/box	10
82-A3	25040	1.563" (40 mm)	1.000" (25 mm)	3/0-400 kcmil** (95-200 mm ²)	1/box	10

* Important: Use insulation jacket or connector O.D. for final ordering criteria.
** 500 kcmil when using a Scotchlok 10014 copper compression connector.

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

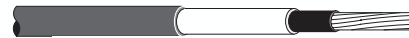


3M Scotchcast Wye Resin Splice Kit 82-B1 is designed to insulate and seal wye splices for compression tap connectors (e.g., C-tap or H-tap) rated for cables up to 5 kV.

Use on nonshielded cables through 5 kV and on multiple conductor cables through 1 kV. Each kit makes one splice.



Nonshielded Dry Cable



Nonshielded Wet or Dry Cable



Single Conductor Portable Cable



Multiple Conductor Portable Cable

3M Scotchcast Wye Resin Splice Kit 82-B1 Selection

Product Series	UPC (054007-)	Voltage Rating	Maximum Connector		Cable O.D.	Inner Pack	Case Qty.
			Split Bolt	Crimped			
Non-Shielded Dry Cable, Nonshielded Wet or Dry Cable, Single Conductor Cable, Multiple Conductor to 1000 Volt Cable. See above for cable type illustrations.							
82-B1	25057	5 kV Single Conductor 1 kV Multiple Conductor	4 AWG	2 AWG	0.250-0.625" (6-16 mm)	1/box	10