

3M™ Resin Splice Kits

3M™ Scotchcast™ Inline Splice Kits, 72-N Series

The 3M™ Scotchcast™ Inline Splicing Kits 72-N Series is a series of rigid body splices tailored for joining signal and control cables rated up to 1000 V. The kits are designed to accommodate shielded or unshielded constructions of plastic or rubber-jacketed cables. Six kit sizes cover a range of cables up to 100-pair (200 conductors) 10 AWG or 200-pair (400 conductors) 22 AWG.

Connectors are not included, order separately. Each kit contains sufficient material to make one splice, excluding connectors.

3M Scotchcast 72-N Series Selection (Based on Conductor/Connector Bundle)

Kit No.	Scotchlok™ Insulated Butt Connectors											
	MV18BC 22-18 AWG				MV14BC 16-14 AWG				MV10BC 12-10 AWG			
	Shielded Cables**		Unshielded Cables**		Shielded Cables**		Unshielded Cables**		Shielded Cables**		Unshielded Cables**	
No Cond.	No Pairs	No Cond.	No Pairs	No Cond.	No Pairs	No Cond.	No Pairs	No Cond.	No Pairs	No Cond.	No Pairs	
72-N1*	—	—	6	3	—	—	4	2	—	—	3	—
72-N2	18	9	32	16	12	6	19	9	8	4	13	6
72-N3	42	21	75	37	24	12	45	22	14	7	27	13
72-N4	74	37	160	80	50	25	90	45	40	20	60	30
72-N5	140	70	200	100	120	60	160	80	100	50	100	50
72-N6	360	180	400	200	220	110	250	125	180	90	200	100

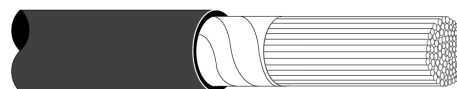
*Nonshielded cable only.

**Figures based on IMSA cable specifications.

Voltage	1000 V or less
Number of Conductors	Multiple Conductors
Cable/Shielding Type	Shielded and Non-Shielded Signal and Control Cable
Splice Type	Resin
Applications	To splice signal and control cables rated up to 1000 V. Inline splicing of shielded and non-shielded cables in direct burial applications.
RoHS 2011/65/EU	Yes



Multiple Conductor Nonshielded Signal & Control Cable



Multiple Conductor Shielded Signal & Control Cable



Order No.	UPC	Shielded/Non-Shielded	Molded Body Length	Cable O.D.	Case Qty.
72-N1	054007-10623	Non-Shielded	7.125" (181,0 mm)	0.250"-0.625" (6,4-15,9 mm)	10
72-N2	054007-10625	Shielded	10.562" (268,3 mm)	0.500"-1.000" (12,7-25,4 mm)	10
72-N3	054007-10627	Shielded	15.438" (392,1 mm)	0.625"-1.500" (15,9-38,1 mm)	10
72-N4	054007-10629	Shielded	15.625" (396,9 mm)	1.000"-2.000" (25,4-50,8 mm)	1
72-N5	054007-10631	Shielded	20.312" (515,9 mm)	1.250"-2.250" (31,8-57,2 mm)	1
72-N6	054007-10633	Shielded	25" (635,0 mm)	1.250"-3.250" (31,8-82,6 mm)	1