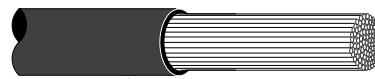
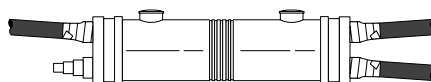


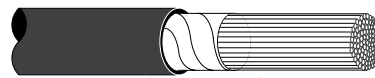
# 3M™ Resin Splices 0-600V (1000V rated)

## 3M Scotchcast™ Reenterable Inline and Tap Splice Kits 78-R Series

Scotchcast 78-R series kits make inline or tap splices on shielded or nonshielded, plastic- and rubber-jacketed, signal and control (or power) cable rated up to 1 kV. Connectors are not included, order separately. Refer to the “Terminals, IDCs and Wire Connectors” section for ordering information. **Each kit makes one splice.**



Multiple Conductor Nonshielded Signal & Control Cable



Multiple Conductor Shielded Signal & Control Cable

## Scotchcast Selection 78-R Series

Product Series	UPC (054007-)	Kit Size I.D. x L	Cable O.D. Range		Case Qty.
			Run	Tap	
Multiple Conductor Nonshielded Signal & Control Cable, Multiple Conductor Shielded Signal & Control Cable See above for cable type illustrations.					
78-R1	02411	2 x 12" (5,1 x 30,5 cm)	0.25 - 1.00" (6 - 25 mm)	0.25 - 1.00" (6 - 25 mm)	1
78-R2	02412	2 x 24" (5,1 x 61,0 cm)	0.25 - 1.00" (6 - 25 mm)	0.25 - 1.00" (6 - 25 mm)	1
78-R3	02413	3 x 24" (7,6 x 61,0 cm)	0.50 - 1.50" (13 - 38 mm)	0.50 - 1.00" (13 - 25mm)	1
78-R4	02414	4 x 24" (10,2 x 61,0 cm)	0.50 - 2.00" (13 - 51 mm)	0.50 - 1.75" (13 - 44 mm)	1
78-R5	02417	5 x 26" (12,7 x 66,0 cm)	1.00 - 2.50" (25 - 64 mm)	1.00 - 2.50" (25 - 64 mm)	1

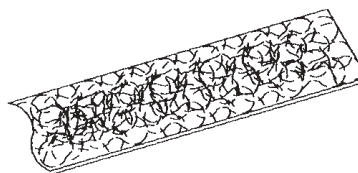
## Scotchcast Connector Selection 78-R Series

Scotchlok™ Connectors																		
Kit No.	Insulated Butt Connectors						Pigtail Connectors						Tap Connectors					
	MV18BC 22-18 AWG		MV14BC 16-14 AWG		MV10BC 12-10 AWG		"Y" 18-12 AWG		"R" 14-10 AWG		557 22-18 AWG		558 22-18 AWG		560 18-14 AWG		562 12-10 AWG	
	No. Cond.	No. Pairs	No. Cond.	No. Pairs	No. Cond.	No. Pairs	No. Cond.	No. Pairs	No. Cond.	No. Pairs	No. Cond.	No. Pairs	No. Cond.	No. Pairs	No. Cond.	No. Pairs	No. Cond.	No. Pairs
78-R1	40	20	26	13	16	8	8	4	5	2	15	7	10	5	8	4	6	3
78-R2	66	33	45	22	26	13	20	10	10	5	30	15	20	10	16	8	12	6
78-R3	160	80	110	55	70	35	50	25	28	14	80	40	50	25	40	20	36	18
78-R4	300	150	180	90	110	55	84	42	60	30	142	71	100	50	80	40	68	34
78-R5	550	275	320	160	200	100	174	87	120	60	260	130	200	100	160	80	130	65

Note: Above figures based on IMSA cable specifications.

## Scotchcast Spacer Web 7820

Scotchcast spacer web is for use with the 78-R series splice kits after re-entry. It is a loosely woven polyester that keeps the splice bundle away from the mold body wall, providing even compound distribution around the splice.



## Scotchcast Spacer Web 7820 Selection

Product Series	UPC (054007-)	Size/Roll	Case Qty.
7820	02415	Two 3" x 20' rolls/box (76 mm x 6,1 m)	1