

## 3M™ Scotchlok™ Butt Connectors

Scotchlok butt connectors employ a specially designed, wire insulation displacement contact to make a reliable electrical connection to each wire. A “live-spring” joint is made by driving the wire down into the “U” contact connector. This simple process displaces the insulation and grasps all conductors with a firm, resilient pressure, all in one motion. No stripping of wire insulation required. Scotchlok butt connectors include a factory-installed sealant to protect against corrosion and seal out moisture. They are also available in a dry/flame retardant version for central office and vault. A variety of sizes and wire combinations are available to accommodate almost any need.

### 3M™ Scotchlok™ Butt Connector UR

The UR connector accepts two or three solid copper conductors for butt splicing. The connector is filled with a sealant to provide moisture resistance. RUS Listed.



### 3M™ Scotchlok™ Butt Connector UY

The small size of the UY connector reduces the splicing bundle O.D. to a minimum. The connector's two ports accept two solid copper conductors. The connector is filled with a sealant to provide moisture resistance. RUS Listed.



### 3M™ Scotchlok™ Butt Connector UR2/UR2-D

The UR2/UR2-D, solvent resistant connectors, accept two or three solid copper conductors that can be of different wire gauges, for butt splicing. The UR2 connectors are filled with a sealant to provide moisture resistance. The UR2-D connector is a dry version. RUS Listed.



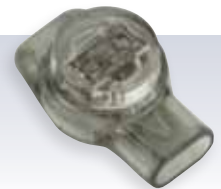
### 3M™ Scotchlok™ Butt Connector UY2/UY2-D

The small size of the UY2/UY2-D, solvent resistant connectors, reduce the splicing bundle O.D. to a minimum. Their two ports accept two solid copper conductors that can be of different wire gauges. The connector is filled with a sealant to provide moisture resistance. In addition, the UY2 connector is available in a dry version, UY2-D connector. RUS Listed.



### 3M™ Scotchlok™ Butt Connector UAL

The UAL connector is a sealed, moisture-resistant two- or three-wire connector. Outside ports accept solid-copper, aluminum, or a combination of both. RUS Listed.



# 3M™ Scotchlok™ Connectors and Tools Specification Chart

Connector	Type Connector	Special Features	Maximum Insulation O.D.		PIC-unfilled and PIC-filled		Pulp or paper	
			Metric (mm)	Inches	AWG	Metric (mm)	AWG	Metric (mm)
 UR2		Gel-filled Polypropylene Cat. 5 RUS Listed	2.08	0.082	26-19	0.4-0.9	N/A	N/A
 UR2-D		Dry Polypropylene RUS Listed	2.08	0.082	26-19	0.4-0.9	26-19	0.4-0.9
 UR		Gel-filled Polycarbonate Cat. 5 RUS Listed	1.67	0.066	26-19	0.4-0.9	N/A	N/A
 UY2		Gel-filled Polypropylene Cat. 5 RUS Listed	2.08	0.082	26-19	0.4-0.9	N/A	N/A
 UY2-D		Dry Polypropylene RUS Listed	2.08	0.082	26-19	0.4-0.9	26-19	0.4-0.9
 UY		Gel-filled Polycarbonate Cat. 5 RUS Listed	1.67	0.066	26-22	0.4-0.7	N/A	N/A
 *557-TG2		Gel-filled Polypropylene	3.0	0.12	22-16	0.6-1.3	N/A	N/A
 UYF		Gel-filled Polycarbonate	1.52	0.060	26-20	0.4-0.8	N/A	N/A
 UP2		Dry Polycarbonate Flame Retardant RUS Listed UL Listed	1.52	0.060	26-22	0.4-0.7	26-22	0.4-0.7
 UP3		Dry Polycarbonate Flame Retardant UL Listed	1.67	0.066	26-19	0.4-0.9	26-19	0.4-0.9
 UAL		Gel-filled For Aluminum Polycarbonate RUS Listed	Outside Ports: 2.08 Middle Port: 1.88	Outside Ports: 0.082 Middle Port: 0.074	20-17 AL 24-19 CU	0.8-1.2 AL 0.5-0.9 CU	N/A	N/A
 211		Gel-filled Polypropylene Cat. 5 RUS Listed	2.08	0.082	26-19	0.4-0.9	N/A	N/A

Butt Splicing

\*557-TG2 connectors can only be used with 3M™ Scotchlok™ Crimp Tool E-9BM or E-9J.

## 3M™ Scotchlok™ Connectors and Tools Ordering Information

Connector	Box Packaging Weight kg (lbs.) Minimum Order UPC Code	Bulk Packaging Weight kg (lbs.) Minimum Order UPC Code	Cartridge Packaging Weight kg (lbs.) Minimum Order UPC Code	Jar Packaging Weight kg (lbs.) Minimum Order UPC Code	Clamshell Packaging Weight kg (lbs.) Minimum Order UPC Code
<b>UR2</b>	100/box, 1000/cs. 1.36 (3) Min. Order: 1000 connectors 054007-68538	500/box, 5000/cs. 6.7 (15.2) Min. Order: 5000 connectors 054007-56390	10/cart, 100/pak., 1000/cs. 2.09 (4.6) Min. Order: 1000 connectors 054007-68541	500/box, 5000/cs. 5.9 (13.1) Min. Order: 5000 connectors 051115-22977	25/Pak, 1000/cs. 1.8 (3.9) Min. Order: 1000 connectors 051115-22985
<b>UR2-D</b>	N/A N/A N/A N/A	500/box, 5000/cs. 6.7 (15.2) Min. Order: 5000 connectors 054007-33277	10/cart, 100/pak., 1000/cs. 2.09 (4.6) Min. Order: 1000 connectors 054007-27816	N/A N/A N/A N/A	N/A N/A N/A N/A
<b>UR</b>	100/box, 1000/cs. 1.36 (3) Min. Order: 1000 connectors 054007-68537	500/box, 5000/cs. 6.7 (15.2) Min. Order: 5000 connectors 054007-68535	10/cart, 100/pak., 1000/cs. 2.09 (4.6) Min. Order: 1000 connectors 054007-68534	N/A N/A N/A N/A	N/A N/A N/A N/A
<b>UY2</b>	100/box, 1000/cs. 0.9 (1.3) Min. Order: 1000 connectors 054007-14911	1000/box, 5000/cs. 2.8 (6.1) Min. Order: 5000 connectors 054007-33278	12/cart, 120/pak., 1200/cs. 1.4 (3.5) Min. Order: 1200 connectors 054007-27817	500/Jar, 5000/cs. 3.8 (8.3) Min. Order: 5000 connectors 051115-22979	25/Pak, 1000/cs. 1.3 (2.8) Min. Order: 1000 connectors 051115-22984
<b>UY2-D</b>	N/A N/A N/A N/A	1000/box, 5000/cs. 2.8 (6.1) Min. Order: 5000 connectors 051138-57359	12/cart, 120/pak., 1200/cs. 1.4 (3.5) Min. Order: 1200 connectors 054007-71478	N/A N/A N/A N/A	N/A N/A N/A N/A
<b>UY</b>	100/box, 1000/cs. 0.9 (1.3) Min. Order: 1000 connectors 054007-14911	1000/box, 5000/cs. 2.8 (6.1) Min. Order: 5000 connectors 054007-33278	16/cart, 160/pak., 1600/cs. 1.4 (3.5) Min. Order: 1600 connectors 054007-27817	N/A N/A N/A N/A	N/A N/A N/A N/A
<b>557TG</b>	N/A N/A N/A N/A	500/bag, 5000/box 9.09 (20) Min. Order: 5000 connectors 051138-57359	N/A N/A N/A N/A	N/A N/A N/A N/A	N/A N/A N/A N/A
<b>UYF</b>	500/box, 2500/cs. 2.15 (4.75) Min. Order: 2500 connectors 051115-18516	N/A N/A N/A N/A	N/A N/A N/A N/A	N/A N/A N/A N/A	N/A N/A N/A N/A
<b>UP2</b>	N/A N/A N/A N/A	1000/box, 5000/cs. 2.4 (5.4) Min. Order: 5000 connectors 054007-33420	16/cart, 160/pak., 1600/cs. 1.4 (3.2) Min. Order: 1600 connectors 054007-32698	N/A N/A N/A N/A	N/A N/A N/A N/A
<b>UP3</b>	N/A N/A N/A N/A	1000/box, 5000/cs. 7.1 (13.3) Min. Order: 5000 connectors 054007-33419	10/cart, 100/pak., 1000/cs. 2.0 (4.4) Min. Order: 1000 connectors 054007-32700	N/A N/A N/A N/A	N/A N/A N/A N/A
<b>UAL</b>	N/A N/A N/A N/A	N/A N/A N/A N/A	10/cart, 100/pak., 1000/cs. 2.1 (4.7) Min. Order: 1000 connectors 054007-27828	N/A N/A N/A N/A	N/A N/A N/A N/A

TOOLS	E-9BM CRIMPING TOOL	E-9C CARTRIDGE TOOL	E-9R CRIMPING TOOL	E-9E CRIMPING TOOL	E-9Y CRIMPING TOOL*	E-9Y-P CRIMPING TOOL	E-9J CRIMPING TOOL
Packaging kg (lbs.)/cs.	4.3 (9.5)	1/cs., 0.91 (2)	1/bag, 10/cs., 2.59 (5.7)	1/bag, 10/cs., 2.7 (6)	1/bag, 10/cs., 1.53 (3.3)	1/bag, 10/cs., 1.53 (3.3)	1/bag, 10/cs., 4.1 (9.02)
Minimum Order	10 each	1 each	10 each	10 each	10 each	10 each	10 each
UP Code	054007-33482	054007-34211	051138-87649	054007-10577	054007-15625	051115-22987	051115-19004

\*Not recommended for 19 AWG and larger.