

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



3M™ Scotchlok™ Butt Connector UY

The small size of the Scotchlok 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.



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

The Scotchlok 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 Scotchlok UR2-D connector is a dry version.



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

The small size of the Scotchlok 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 Scotchlok UY2 connector is available in a dry version, Scotchlok UY2-D connector.



3M™ Scotchlok™ Butt Connector UAL

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



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)
		Gel-filled Polypropylene Cat. 5	2.08	0.082	26-19	0.4-0.9	N/A	N/A
		Dry Polypropylene	2.08	0.082	26-19	0.4-0.9	26-19	0.4-0.9
		Gel-filled Polycarbonate Cat. 5	1.52	0.060	26-19	0.4-0.9	N/A	N/A
		Gel-filled Polypropylene Cat. 5	2.08	0.082	26-19	0.4-0.9	N/A	N/A
		Dry Polypropylene	2.08	0.082	26-19	0.4-0.9	26-19	0.4-0.9
		Gel-filled Polycarbonate Cat. 5	1.52	0.060	26-22	0.4-0.7	N/A	N/A
		Gel-filled Polypropylene	3.0	0.12	22-16	0.6-1.3	N/A	N/A
		Dry Polycarbonate Flame Retardant UL recognized component	1.52	0.060	26-22	0.4-0.7	26-22	0.4-0.7
		Dry Polycarbonate Flame Retardant UL recognized component	1.52	0.060	26-19	0.4-0.9	26-19	0.4-0.9
		Gel-filled For Aluminum Polycarbonate	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

Butt Splicing

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

3M™ Scotchlok™ Connectors Ordering Information

Product Number	Product Description	3M ID	Package Quantity	Min Order	Packaging Specifications
UR2 (BX)	26-19 AWG Butt Connector, 2 or 3 conductor,	80-6113-2759-6	1,000	1,000	100 per box, 10 boxes per case
UR2 (CART)	26-19 AWG AWG Butt Connector, 2 or 3 conductor	80-6113-2760-4	1,000	1,000	10 boxes of 10 cartridges with 10 connectors each
UR2-JAR500	26-19 AWG AWG Butt Connector, 2 or 3 conductor	80-6113-2765-3	5,000	5,000	500 per jar, 10 jars per case
UR2-D (CART)	19-26 AWG AWG Butt Connector (dry), 2 or 3 conductor	80-6105-7824-9	1,000	1,000	10 boxes of 10 cartridges with 10 connectors each
UR2-D-JAR500	26-19 AWG Butt Connector (dry), 2 or 3 conductor	80-6113-2540-0	5,000	5,000	500 per jar, 10 jars per case
UR (BX)	26-19 AWG Butt Connector, 2 or 3 conductor	80-6113-2788-5	1,000	1,000	100 per box, 10 boxes per case
UY2 (BULK)	26-19 AWG Butt Connector, 2 conductor, bulk packaging	80-6113-2782-8	5,000	5,000	1000 per box, 5 boxes per case
UY2 (BX)	26-19 AWG 2 Wire Butt Connector, 2 conductor	80-6113-2679-6	1,000	1,000	100 per box, 10 boxes per case
UY2 (CART)	26-19 AWG Butt Connector, 2 conductor	80-6113-2783-6	1,200	1,200	10 boxes of 10 cartridges with 12 connectors each
UY2-JAR500	26-19 AWG Butt Connector, 2 conductor	80-6113-2786-9	5,000	5,000	500 per jar, 10 jars per case
UY2-D (CART)	19-26 AWG Butt Connector (dry), 2 conductor	80-6105-7827-2	1,200	1,200	10 boxes of 10 cartridges with 12 connectors each
UY2-D-JAR500	26-19 AWG Butt Connector (dry), 2 conductor	80-6113-2539-2	5,000	5,000	500 per jar, 10 jars per case
UY (BX)	26-22 AWG Butt Connector, 2 conductor	80-6113-2772-9	1,000	1,000	100 per box, 10 boxes per case
UY (CART)	26-22 AWG AWG Butt Connector, 2 conductor	80-6113-2781-0	1,600	1,600	10 boxes of 10 cartridges with 16 connectors each
557-TG2	Self stripping dropwire butt connector	80-6113-2207-6	5,000	5,000	500 per bag, 10 bags per box
UP2 (BULK)	Connector, 2 conductor, bulk packaging	80-6101-1333-6	5,000	5,000	1000 per box, 5 boxes per case
UP3 (BULK)	Connector, 2 or 3 conductor, bulk packaging	80-6101-1332-8	5,000	5,000	1000 per box, 5 boxes per case
UP2 (CART)	22-26 AWG Butt Connector (dry), 2 conductor	80-6100-9672-1	1,600	1,600	10 boxes of 10 cartridges with 16 connectors each
UP3 (CART)	19-26 AWG Butt Connector (dry), 2 or 3 conductor	80-6100-9675-4	1,000	1,000	10 boxes of 10 cartridges with 10 connectors each
UAL (BX)	24-17 AWG Butt Connector, 2 or 3 conductor	80-6113-2746-3	1,000	1,000	100 per box, 10 boxes per case
UB2A (BX)	26-19 AWG Bridge Connector, 2 conductor	80-6113-2747-1	1,000	1,000	100 per box, 10 boxes per case
UB2A-JAR500	26-19 AWG Bridge Connector, 2 conductor	80-6113-2751-3	5,000	5,000	500 per jar, 10 jars per case