

## 3M™ Scotchlok™ Tap Connectors

Scotchlok tap connectors are real time savers. They enable the user to tap into another wire without interrupting service. A U-shaped element inside each connector displaces insulation material and makes contact with the copper conductor. Scotchlok tap connectors also include factory-installed sealant to protect against corrosion and seal out moisture. They are also available in a dry version for central office and vault. Scotchlok tap connectors are fast to install, easy to work with and available in a wide range of common wire gauges. Tap connectors allow direct tapping into existing solid copper conductors without interrupting service. The pre-crimp feature helps hold the wires in place until the connector is crimped and the splice is complete.

### 3M™ Scotchlok™ Tap Connector UB2A/UB2A-D

The Scotchlok UB2A/UB2A-D connectors have a pre-crimp feature that gives the craftsperson a time-saving edge. By positioning the connector on the conductor and pre-crimping, the conductor is prevented from slipping out of the connector before the crimp is completed. A factory sealant protects against corrosion and seals out moisture. In ready-access closures, these connectors help eliminate cutting cable pairs, opening circuits, and piecing out wires. The Scotchlok UB2A-D connector is a dry version of the Scotchlok UB2A connector.



## 3M™ Scotchlok™ Inline Connectors

Scotchlok inline connectors are a safe and simple way to make a secure connection. These full-pair, sealed, moisture resistant connectors are designed to accommodate a wide range of wire ranges.

### 3M™ Scotchlok™ Inline Connector U1B

The Scotchlok U1B connector is a sealed moisture-resistant four-wire (1 full pair) inline connector for larger gauge solid copper. AWG 19-16 solid copper conductors.



### 3M™ Scotchlok™ Inline Connector U1R

The Scotchlok U1R connector is a sealed moisture-resistant four-wire (1 full pair) inline connector for larger gauge solid copper. AWG 24-19 solid copper conductors.



### 3M™ Scotchlok™ Inline Connector UDW2

A sealed moisture-resistant, four-wire (1 full pair) inline aerial dropwire connector for copper or copper-coated steel conductors. This inline connector is for midspan splices where strain relief is provided. Tape over-wrap is not required.



# 3M™ Scotchlok™ Tools

To complement our line of efficient, reliable 3M™ Scotchlok Connectors, 3M™ Scotchlok™ Crimping Tools are built to do the job right, and do it fast. All Scotchlok tools are engineered to fit comfortably in hand while providing high mechanical advantage for less operator fatigue. From automatic cartridges to adjustable jaws, there's a tool designed to meet your specific application needs.

---

## 3M™ Scotchlok™ Cartridge Tool E-9C with Case and Gauge

With an automatic cartridge feed, 7-to-1 mechanical advantage and ratchet action, the Scotchlok E-9C tool allows the craftsperson to complete a crimp with one hand, freeing the other hand for wire handling. The tool is designed for cartridges with Scotchlok butt connectors.




---

## 3M™ Scotchlok™ Crimping Tool E-9BM

This heavy-duty tool is capable of crimping all Scotchlok connectors. Its parallel closing action and adjustable jaws provide a 10-to-1 mechanical advantage, allowing it to handle all wire gauges.




---

## 3M™ Scotchlok™ Crimping Tool E-9E

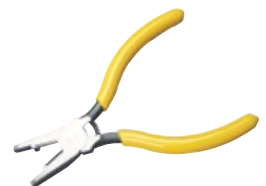
A completely parallel closing action and a 4-to-1 mechanical advantage make the lightweight Scotchlok E-9E crimping tool a versatile addition to any craftsperson's pouch. With these features, the Scotchlok E-9E tool will crimp all Scotchlok butt and tap connectors in all wire gauges.




---

## 3M™ Scotchlok™ Crimping Tool E-9Y

The Scotchlok E-9Y tool has stepped jaws and a long nose and side wire cutter which provide crimping action for two- or three-conductor splicing. The Scotchlok E-9Y tool is not recommended for 19 gauge (0.9 mm) and larger conductors.




---

## 3M™ Scotchlok™ Crimping Tool E-9J

The Scotchlok E-9J tool is a lightweight, handheld tool featuring a single-stroke, parallel crimping action with a work-saving 10-to-1 mechanical advantage over applied hand force. For use with Scotchlok butt and tap connectors.



### 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<br>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<br>Cat. 5                              | 1.52                                     | 0.060                                      | 26-19                       | 0.4-0.9                  | N/A           | N/A         |
|    |    | Gel-filled Polypropylene<br>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<br>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<br>Flame Retardant<br>UL recognized component | 1.52                                     | 0.060                                      | 26-22                       | 0.4-0.7                  | 26-22         | 0.4-0.7     |
|  |  | Dry Polycarbonate<br>Flame Retardant<br>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<br>Middle Port: 1.88 | Outside Ports: 0.082<br>Middle Port: 0.074 | 20-17 AL<br>24-19 CU        | 0.8-1.2 AL<br>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.