

# 3M™ Scotchlok™ Communication Connectors

More than 50 years ago, 3M introduced the industry's original insulation displacement connector—the 3M Scotchlok Connector UR. Today, with increased demand for high-speed and high-bandwidth networks, the complete series of 3M connectors and tools is now more important than ever. Through the years, we have learned new technologies while building on the original successful design, shape, color-coded cap concepts, and element configuration of the original insulation displacement contact design. We offer many connectors tested to Cat. 5 compliance allowing service providers the ability to meet the demand for enhanced services such as high speed Internet, video-on-demand, and video conferencing. Double elements in many products, solvent-resistant plastic construction, full wire range product offering and factory installed sealant are just some of the features and benefits of 3M Scotchlok communication connectors.

## 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 process displaces the wire insulation and grasps all conductors with a firm pressure, all in one motion. No stripping of wire insulation is required. Some connectors include a factory installed sealant to help protect against corrosion and provide moisture resistance. They are also available in dry versions for central office and vault applications. RoHS compliant.\*



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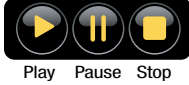
## 3M™ Scotchlok™ Connector UR2

- Most universal butt connector
- Gel filled for moisture resistance and for PIC cable applications
- 2 or 3 wire, 0.4mm - 0.9mm (26-19 AWG)
- 2.08mm/.082" max insulation O.D.
- Polypropylene, UL listed, Cat. 5

### Also available:

- UR2-D—Dry version—for use where moisture resistance is not needed (central office and vault)
- UR—Gel filled for moisture resistance and for PIC cable applications, 2 or 3 wire, 0.4mm - 0.9mm (26-19 AWG), 1.52mm/.060" maximum insulation O.D., polycarbonate, UL listed, Cat. 5
- UP3—Dry, flame retardent applications, 2 or 3 wire, 0.4mm - 0.9mm (26-19 AWG), 1.52mm/.06" maximum insulation O.D., polycarbonate, UL listed
- UAL—Gel filled for moisture resistance and for PIC cable applications, 2 or 3 wire CU (0.5mm - 0.9mm or 24-19 AWG) or AL (0.8mm - 1.2mm or 20-17 AWG) or combination of both, 2.08mm/.082" maximum insulation O.D., polycarbonate





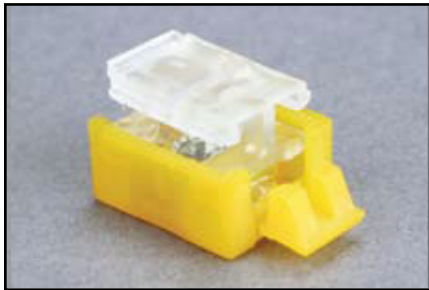
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## 3M™ Scotchlok™ Connector UY2

- Approximately half size of UR2—can handle a higher pair count cable and keep the splicing bundle O.D. to a minimum
- Gel filled for moisture resistance and for PIC cable applications
- 2 wire, 0.4mm - 0.9mm (26-19 AWG)
- 2.08mm/.082" maximum insulation O.D.
- Polypropylene, UL listed, Cat. 5

### Also available:

- UY2-D—Dry for PIC, pulp or paper cable applications, 2 wire, 0.4mm - 0.9mm (26-19 AWG), 2.08mm/.082" maximum insulation O.D., polypropylene
- UY—Gel filled for moisture resistance and for PIC cable applications, 2 wire, 0.4mm - 0.7mm (26-22 AWG), 1.52mm/.06" maximum insulation O.D., polycarbonate, UL listed, Cat. 5
- UP2—Dry, flame retardent applications, 2 wire, 0.4mm - 0.7mm (26-22 AWG), 1.52mm/.06" maximum insulation O.D., polycarbonate, UL listed
- UYF—Gel filled for moisture resistance and for PIC cable applications, 2 wire, 0.4 - 0.8mm (26-20 AWG), 1.52mm/0.06" maximum insulation O.D., polycarbonate, UL listed



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## 3M™ Scotchlok™ Trim-out Connector 211

- Used primarily to cut out defective connectors without interrupting service
- Side loading design and pre-crimp feature—make it especially useful where conductor length is limited.
- Contains a built-in cut-off blade and a test port with built-in strain relief.
- Can also be used for standard butt splicing
- Gel filled for moisture resistance and for PIC cable applications
- 2 wire, 0.4mm - 0.9mm (26-19 AWG)
- 2.08mm/.082" maximum insulation O.D.
- Polypropylene, UL listed, Cat. 5



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## 3M™ Scotchlok™ Clearing Cap UCC

- Used to isolate a full cable pair
- Contains a non-conductive plastic blade to hold conductors in place
- Gel filled for moisture resistance and for PIC cable applications
- 0.4mm - 0.7mm (26-22 AWG)
- 1.52mm/.060" maximum insulation O.D.
- Polycarbonate, UL listed

### Also available:

- UPC—Dry, flame retardant applications, 0.4mm - 0.7mm (26-22 AWG), 1.52mm/.060" maximum insulation O.D., polycarbonate, UL listed



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## 3M™ Scotchlok™ Self Stripping Dropwire Connector 557TG2

- Aerial drop wire connector
- Gel filled for moisture resistance
- 2 wire, 0.6mm - 1.3mm (22-16 AWG)
- 3.0mm/.12" maximum insulation O.D.
- Polypropylene