

Drop Connectors

UltraRange® 59 & 6 SR Series Compression Product Information

Broadband
Products

CORNING

Connector Specifications

Moisture Migration:

Passes SCTE interface
moisture migration test
(SCTE IPS TP 013)

Shielding Effectiveness:

Better than -80 dB

Pull Force:

Exceeds SCTE
pull force requirements on all
recommended cables

Port Interface:

Meets SCTE IPS SP 401
recommended "F" port
interface specification after
installation.

Be assured. These "F" connectors are water tight!

The new UltraRange® SR series is the next advancement in weather resistant compression "F" connectors. The SR series connectors are shipped with a seal ring pre-installed over the connector nut. The seal ring is conveniently out of the way and doesn't interfere with normal installation practices. This unique design allows visual inspection of the cable core and verification of the center conductor length to ensure proper installation.

When installing the connector to an "F" female port, the seal acts as a grip aid and doubles the tightening torque when finger tightening. After finger tightening the connector, the seal is slid forward over the female port, and the nut is fully tightened with a 7/16 wrench. If removing the connector, this sliding seal design (*patent pending*) allows the connector to be removed without damage to the seal or connector. Both are reusable when removed from the "F" female port.

The UltraRange 59 & 6 SR Series connector designs incorporate a free spinning nut, making installation faster and more reliable. The one-piece design eliminates loose parts and allows rapid, consistent connectorization without the risk of misaligned parts. The UltraRange compression technology provides 360 degrees of contact to the cable, providing excellent RF shielding integrity and a complete seal to the cable jacket to lock out moisture.



Materials and Construction of Connector Components

Body, Compression Ring and Nut:
Brass Alloy with Nickel Plating

Post:
Brass Alloy with Bright Acid Tin Plating

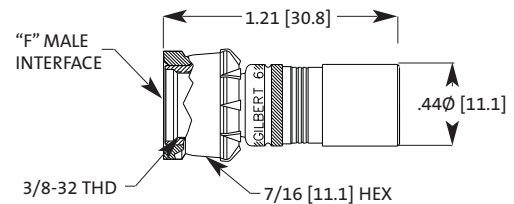
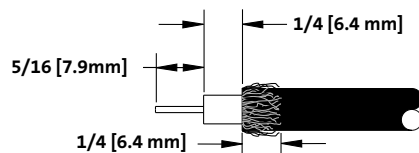
Gripping Member:
Black UV Resistant Polymer

Seal Ring:
Black UV Resistant Silicone

Cable Preparation
One step cable preparation of 1/4" [6.5 mm] Braid and Dielectric and 5/16" [8.0 mm] center conductor

Product Features and Benefits

- Uses standard compression tools; no custom tooling required
- Improved visibility when installing connector—dielectric is visible at post, making it easier to install
- Center conductor can be trimmed after connector installation, assuring proper length
- Finger tightening during indoor or outdoor installations is facilitated with improved grip on connector nut
- Soft UV and ozone resistant seal that conforms to the port
- Reusable; seal may be removed without damaging the connector or seal
- Seal ring doesn't drag when installing the connector onto tap port, allowing easy installation
- One piece construction with seal ring attached to the connector; eliminates waste from lost components, including lost or dropped seal rings
- Seal ring does not get contaminated with dirt & sand when loose in the pouch; interior is kept free from debris while attached to the connector
- Sealing system passes the SCTE interface moisture migration test (SCTE IPS TP 013)
- A free-spinning sealed nut design (*Patent #5975951*) permits the 7/16" nut to spin freely for easy installation; the o-ring seals when nut is tightened
- 360° radial compression (*patent #7,018,235 & 7,182,639*) at the connector/cable interface provides excellent RF shielding and prevents moisture migration
- Exposed components constructed of Brass
- One step cable preparation
- Cable series permanently marked on connector for easy identification



Ordering Information

Part Number	Cable Type	Braid Coverage	Pkg. Qty	Prep. Tool	Compression Tool
GF-UR-59-SR	Series 59	60% to Quad	100 Pieces	G-CPT-6590	G-CAT-AS
				G-SDT-596-250	G-8800-US
					G-9000-US
GF-UR-6-SR	Series 6	60% to Quad	100 Pieces	G-CPT-6590	G-CAT-AS
				G-SDT-596-250	G-8800-US
					G-9000-US

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