

UltraRange™ Series

“F” Series 59 and 6 Connectors Product Information



Broadband
Products

Connector Specifications

Moisture Migration:

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

Shielding Effectiveness:

Exceeds Bellcore GR-1503-CORE specifications

Insertion Loss:

Exceeds Bellcore GR-1503-CORE specifications

Pull Force:

Typical pull force of approximately 50 lbs. exceeds both SCTE and Bellcore GR-1503-CORE cable pull strength specifications.

Port Interface:

Meets SCTE IPS SP 401 recommended “F” port interface specification.

The UltraRange™ Series is a new generation of high performance sealed compression “F” connectors.

This compression connector series combines ease of installation over a wide range of cable braid coverages with superior performance features.

The UltraRange 59 & 6 connector design incorporates a free spinning nut making installation faster and more reliable.

The one-piece design eliminates any loose parts. Connectorization can be performed rapidly and consistently without the risk of misalignment of multiple 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.



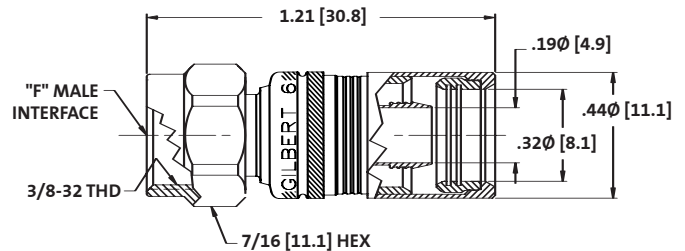
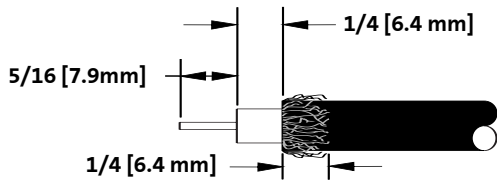
Materials and Construction of Connector Components :

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

- Sealing system passes the SCTE interface moisture migration tests (SCTE IPS TP 013) and Bellcore water immersion.
- A free-spinning sealed nut design (Patent #5975591) permits the 7/16" nut to spin freely for easy installation. The o-ring seals when nut is tightened.
- 360° radial compression (patent pending) at the connector/cable interface provides excellent RF shielding and prevents moisture migration.
- Exposed components constructed of Brass.
- One piece construction eliminates lost components.

- One connector for both indoor and outdoor applications.
- One step cable preparation.
- Uses commonly available compression tools.
- Longer hex flats facilitates easier installation.
- Cable series permanently marked on connector for easy identification.
- The Gilbert UltraRange is weather resistant when used with the Gilbert Seal Ring (G-SR-1/2) and installed on a standard "F" Female port (ANSI/SCTE SP 400 1996).



Ordering Information

Cable Preparation Tool:
G-CPT-6560, G-SDT-596-250 or equivalent

Compression Tool:
G-CAT-UNIVERSAL-FX,
G-CAT-AS
G-8800-US
G-9000-US
or equivalent

Part Number	Cable Type	Braid Coverage	Prep. Tool	Compression Tool
GF-UR-59	Series 59	60% to Quad	G-CPT-6590	G-CAT-UNIVERSAL-FX
GF-UR-6	Series 6	60% to Quad	G-CPT-6590	G-CAT-UNIVERSAL-FX

Corning Gilbert Inc.
Broadband Products

5310 W. Camelback Rd.
Glendale, AZ 85301 U.S.A.

phone: 800 528 5567 (U.S. and Canada)
(01) 623 245 1050 (International)

fax: 800 344 6358
(01) 623 931 0684

website: www.corning.com/corninggilbert
e-mail: info-gilbert@corning.com