Drop Connectors

UltraShield™ 59 & 6 Compression

Product Information

Corning Gilbert

Connector Specifications

Moisture Migration:
Passes ANSI/SCTE 60 2004 interface moisture migration test (formerly IPS TP 013)

Shielding Effectiveness:
Better than -80 dB

Pull Force:
Exceeds SCTE pull force requirements on all recommended cables

Port Interface:
Meets ANSI/SCTE 123 2006 recommended "F" port interface specifications (formerly IPS SP 401).

Secure the path to continuous performance!

The UltraShield™ is designed with Corning Gilbert's proprietary grounding control technology to mitigate electrical impairments common to drop cable plants.

As often seen in the field, an "F" connector's performance can be compromised when subscribers move or change out equipment and fail to reconnect interfaces properly. Loose "F" connectors, in conjunction with any movement at the interface, temperature, humidity and/or subsequent oxidation, can cause high ground resistance/low signal levels. This results in intermittent signals and noise, creating snowy video or pixilation and reduced shielding, among other issues. The integral grounding control feature provides protection even when the coupling nut is only partially threaded to the mating connector.

The UltraShield™ compression connector series combines ease of installation over a wide range of cable braid coverage with superior performance features. The standard UltraShield connector comes with an extended hex nut. Two optional external configurations are available: 1) all metal hex knurl; and 2) an integrated seal ring. Both versions are designed to tighten with a standard 7/16" wrench.

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

Optional Components:
- Seal Ring made of UV resistant silicone G-SR-1/2-S (shown below)

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

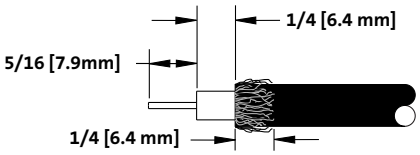

GF-URS-6

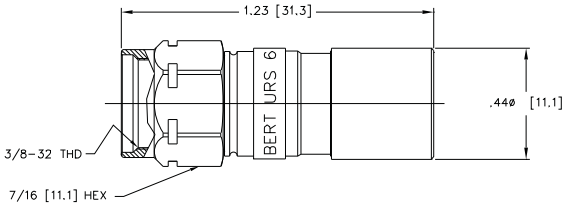

GF-URS-6-K


GF-URS-6-SR

Product Features and Benefits

- Sealing system passes the SCTE interface moisture migration test (ANSI/SCTE 60 2004)
- A unique nut design enables continuous grounding even when the nut is not fully tightened, blocking RF ingress and egress
- 360° radial compression at the connector/cable interface provides excellent RF shielding and prevents moisture migration
- Exposed components constructed of Nickel plated Brass for corrosion resistance
- 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 UltraShield is weather resistant when used with the Gilbert Seal Rings (G-SR-1/2 or G-SR-1/2-S) and installed on a standard “F” Female port ANSI/SCTE 01 2006 (formerly IPS SP 400)





Ordering Information

Part Number	Torque Aid	Cable Type	Braid Coverage	Pkg. Qty.	Prep. Tool	Compression Tool*
GF-URS-59		Series 59	53% thru Quad	100 pcs.	G-CPT-6590	G-CAT-AS
GF-URS-59-K	Knurl	Series 59	53% thru Quad	100 pcs.	G-SDT-596-250	G-9000-US
GF-URS-59-SR	Seal Ring	Series 59	53% thru Quad	100 pcs.		
GF-URS-6		Series 6	60% to Quad	100 pcs.	G-CPT-6590	G-CAT-AS
GF-URS-6-K	Knurl	Series 6	60% thru Quad	100 pcs.	G-SDT-596-250	G-9000-US
GF-URS-6-SR	Seal Ring	Series 6	60% thru Quad	100 pcs.		

** Please contact Customer Service for information on additional compression tools that may apply.*

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