

Drop Connectors

UltraRange® 6 Plenum Compression Product Information

CORNING

Broadband
Products

Connector Specifications

Shielding Effectiveness:
Better than -80 dB, dependent
on cable type

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

Port Interface:
Meets SCTE IPS SP 401
recommended “F” port
interface specification

The UltraRange® Plenum Series is a new generation of high performance compression “F” connectors, designed specifically for plenum cables. This compression connector series combines ease of installation over a wide range of cable braid coverages with superior performance features. Its design is particularly focused on easier installation of typically hard-jacketed plenum cables.

This connector’s unique design features, including a threaded connector post, coupled with installation aids—such as the GF-TOOL-1/4-H used with a cordless screw driver—help to expedite the installation process.

The UltraRange 6 Plenum 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.



Materials and Construction of Connector Components

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

Post:
Brass Alloy with Bright Acid Tin Plating

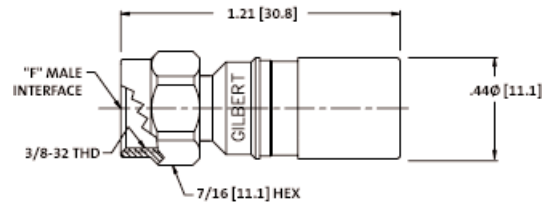
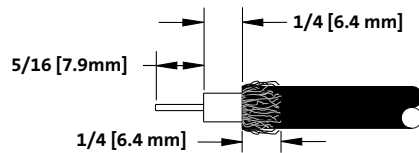
Gripping Member:
Black UV Resistant Polymer

Product Features and Benefits

- A free-spinning sealed nut design (*Patent #5975951*) permits the 7/16" nut to spin freely for easy installation
- 360° radial compression (*patent # 7,182,639*) at the connector/cable interface provides excellent RF shielding
- Exposed components constructed of Brass
- One piece construction eliminates lost components
- One step cable preparation
- Uses commonly available compression tools
- Longer hex flats facilitates easier installation
- Cable series permanently marked on connector for easy identification

Cable Preparation

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



Ordering Information

Part Number	Cable Type	Cable Model	Pkg. Qty	Prep. Tool	Compression Tool
GF-UR-6-PL	Series 6 Plenum	CommScope 2275K	100 Pcs.	G-CPT-6590-PL	G-CAT-UNIVERSAL-FX
		CommScope 2275V		G-SDT-596-250-PL	G-CAT-AS
		CommScope 2227K			G-8800-US
		Belden 6339Q8			G-9000-US
		Belden 9116P			

Recommended Tools



G-GRIP



GF-TOOL-MH



GF-TOOL-1/4-H

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