

Drop Connectors

UltraEase® 59 and 6 Compression Product Information



CORNING
Discovering Beyond Imagination

Broadband
Products

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

The UltraEase® is a high performance, weather resistant "F" connector (Patent #6790081) that combines the ease of installation with superior performance.

These compression connectors feature a **post-forward** design which allows easy verification that the cable dielectric is flush with the post face prior to compression. After compression, the connector post has a conventional recessed position—another feature that helps the technician install the connector correctly every time.

The UltraEase 59 & 6 connector design incorporates a patented free spinning nut (Patent #5975591), making installation faster and more reliable. Patented grooved nut (Patent #6887102) design provides improved grip and ease of installation in tight locations. The one-piece design eliminates any loose parts.

Connectorization can be performed rapidly and consistently without the risk of misalignment of multiple parts.

UltraEase compression technology provides 360 degrees of contact to the cable, providing excellent RF shielding integrity and a complete seal to the cable jacket that locks out moisture.



Materials and Construction

Body:

Black UV Resistant Polymer

Shell & Nut:

Brass Alloy with Nickel Plating

Post:

Brass Alloy with Bright Acid Tin Plating

Shipping Position



Cable Installed



Fully Compressed

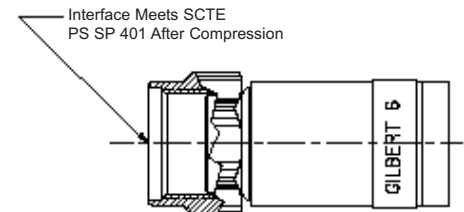
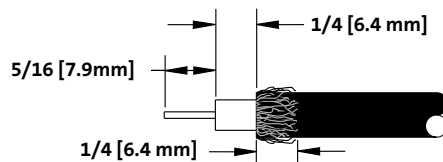


Cable Preparation:

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

- The sealed coupling nut design (*Patent #5975591*) permits the nut to spin freely for easy installation; connector fully seals when the nut is tightened
- Patented grooved nut design provides improved grip (*Patent #6887102*)
- 360° radial compression (*Patent #6790081*) at the connector/cable interface provides excellent RF shielding and prevents moisture ingress
- Three-point sealing system passes the SCTE Interface Moisture Migration test (IPS TP 013)
- Each connector is marked by a color coded label which displays "GILBERT" and the cable series
- Lowest activation force available in a high performance compression connector
- One-piece construction eliminates lost or mismatched components
- One connector for both indoor and outdoor applications
- One-step cable preparation using industry-accepted trim dimensions
- Uses commonly available compression tools; Compatible with existing UltraSeal® compression tools
- weather resistant when used with the Corning Gilbert Seal Ring (G-SR-1/2) and installed on a standard "F" Female port (ANSI/SCTE SP 400 1996)
- All exposed metal surfaces are nickel plated for superior corrosion resistance
- Compatible with industry-accepted security sleeves



Ordering Information

Part Number	Color Code	Cable Type	Braid Coverage	Pkg. Qty	Prep. Tool	Compression Tool
GF-UE-59	Black	Series 59	60% to Tri shield	100 pieces	G-CPT-6590 G-SDT-596-250	G-CAT-UNIVERSAL-FX G-8800-US
GF-UE-59Q	Green	Series 59	Quad	100 pieces	G-CPT-6590 G-SDT-596-250	G-CAT-UNIVERSAL-FX G-8800-US
GF-UE-6	Gold	Series 6	60% to Tri shield	100 pieces	G-CPT-6590 G-SDT-596-250	G-CAT-UNIVERSAL-FX G-8800-US
GF-UE-6Q	Silver	Series 6	Quad	100 pieces	G-CPT-6590 G-SDT-596-250	G-CAT-UNIVERSAL-FX G-8800-US

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