

UltraEase™ Compression Connectors

“F” Series 59 and 6 Connectors 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

Corning Gilbert introduces the next generation in high performance weather resistance “F” connectors, UltraEase™ (Patent #6790081). This series of compression connectors combines ease of installation with superior performance. Our new **post forward** design allows easy verification that the cable dielectric is flush with the post face prior to compression. This significantly unique concept presents the lowest activation force available in a high performance compression connector.

After compression the connector post has a conventional recessed position. This is 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

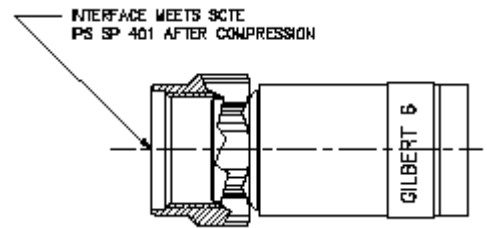
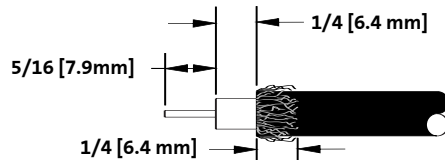
Post
Brass Alloy with bright tin plating

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. The 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.
- The UltraEase™ compression connector is weather resistant when used with the Corning Gilbert Seal Ring (G-SR-1/2) and installed on a standard "F" Female port meeting (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-CAT-UNIVERSAL-FX
GF-UE-59Q	Green	Series 59	Quad	100 pieces	G-CPT-6590	G-CAT-UNIVERSAL-FX
GF-UE-6	Gold	Series 6	60% to Tri shield	100 pieces	G-CPT-6590	G-CAT-UNIVERSAL-FX
GF-UE-6Q	Silver	Series 6	Quad	100 pieces	G-CPT-6590	G-CAT-UNIVERSAL-FX

Cable Preparation Tool:
G-CPT-6590, G-SDT-596-250 or equivalent

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

Seal Ring (G-SR-1/2)

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