

## Compression F-Connector

### APPLICATION

Leviton's Compression F-Connector is used in video applications such as CATV, and satellite. Its radial compression design provides a more secure termination on Series 6 Quad Shield Cable than the traditional hex crimp design. Terminate using Leviton's installer-friendly Master Compression Tool.

### PHYSICAL SPECIFICATIONS

<b>Materials:</b>	Brass with Nickel Finish
<b>Cable Application:</b>	<20 lbs max insertion
<b>Cable interface:</b>	>40 lbs pull force
<b>Insertion Loss:</b>	<0.1dB to 350MHz <0.2dB to 700MHz <0.3dB to 1GHz
<b>Return Loss:</b>	>30dB to 1GHz
<b>Shielding Effectiveness:</b>	>95dB to 300MHz >70dB to 1GHz
<b>Environmental Range:</b>	-40°F to 140°F

### DESIGN CONSIDERATIONS

- Use Leviton's Master Compression Tool to terminate Series 6 Quad Shield Cable.
- Includes plastic guide pin to determine when cable is properly seated inside the connector.

See ELECTRONIC FILES for CAD files (.DXF, .DWG, MS-DOS.EPS) on disk



For ELECTRONIC Typical Specs see (.TXT) file on disk.

### WARRANTY INFORMATION

- Two-year limited product warranty and a 20-year performance guarantee are standard.

### TYPICAL SPECIFICATION

The Compression F-Connector shall be constructed with brass and a nickel finish. It shall feature a radial compression design, providing 360° electrical continuity. The connector shall be able to withstand greater than 40 lbs pull force and maintain less than 0.1dB insertion loss to 350MHz, 0.2dB to 700MHz and 0.3dB to 1GHz. Its return loss shall be greater than 30dB to 1GHz. The Compression F-Connector shall have a shielding effectiveness greater than 95dB to 300MHz and 70dB to 1GHz. The manufacturer shall provide a two-year limited warranty, and a 20-year performance guarantee is standard.

Compression F-Connector



For Technical Support Call 1-425-485-4288; in USA call 1-800-824-3005  
Spec sheets and updates are also available at [www.levitonvoicedata.com](http://www.levitonvoicedata.com).

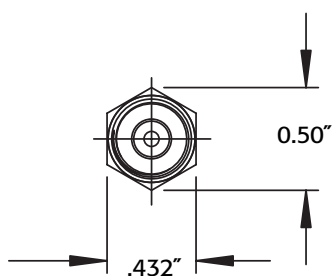
# Compression F-Connector

**Part Number**  
**40985-CPF**

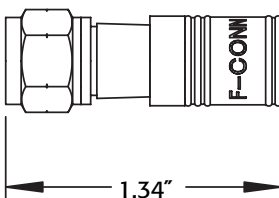
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## DIMENSIONAL LINE ART

See ELECTRONIC FILES for CAD images  
(.DXF, .DWG, MS-DOS.EPS)



End View



Side View

## PART NUMBERS

<i>Description</i>	<i>Part No.</i>
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