

## RIDGELOC COMPRESSION RG59 HEC F CONNECTOR

### FEATURES

- Designed for DBS and Broadband installations. Compatible with all application frequencies.
- Engineered from precision machined copper alloy, UV protected POM, PVC and rubber ("O" ring).
- The ANYTOOL™ design works with ANY standard compression tool.
- End Bell cannot back up. Locks coax cable securely and positively in place.

### PV5HEC-F APPLICATION

This universal connector fits any RG59 HEC Coaxial Cables

### CABLE PREPARATION

The coax should have a 1/4" (6.35 mm) exposed braid and 5/16" (7.94 mm) exposed center conductor. (PV compatible prep tools: PVD596250 and PV1596250)

### COMPRESSION TOOL SPECIFICATIONS

Any compression tool with a "closed" gap close to 21mm will work. This includes all full capture dies as well as open top designs. Tool wear is less of a factor based on the PV5HEC-F design. (PV compatible Tools: PV100, PV200, PV300, PVLLCDLX)

### ELECTRICAL CHARACTERISTICS

Bandwidth	2 MHz to 3 GHz
Impedance	75 Ohms nominal
Shielding Effectiveness	Better than -90 dB
Return Loss	Minimum -30db to 2.2 GHz

### MECHANICAL CHARACTERISTICS

This is our 'Universal' fit RIDGELOC 360. Like all previous models it's textured sleeve cylinder and the end bell capture rings prevent backing up regardless of where the end bell is located on the sleeve after compression. The coax is **POSITIVELY** captured by the end bell every time. Use ANY standard compression tool with a compression length approximately 21mm and the RIDGELOC 360 always installs correctly for maximum quality and performance. The RIDGELOC 360 is suitable for indoor and outdoor applications and is tested to SCTE standards and weatherproof for hostile outdoor environments.

### TESTED & CERTIFIED

Passed: SCTE-103-2004 (DC Contact Resistance)  
Passed: ANSI/SCTE 60-2004 (Moisture Migration Test)  
Passed: ASTM-B117-03 (Salt Spray Test)  
Passed: ANSI/SCTE-99-2004 (Axial Pull Test)  
Passed: SCTE-98-2004 (Tightening Torque)  
Passed: SCTE-73-2002 (Coaxial Insertion Force)  
Passed: SCTE-48-3-2004 (Shielding Effectiveness)  
Passed: ANSI/SCTE-04-1997 (F Connector Return Loss)  
Passed: SBCA Standards of Physical Dimension Tolerance  
Passed: GR-1503-Core, Issue 1, March 1995 UV Degradation

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