



Technical Product Specifications

P10 part number: PV6-PV

RIDGELOC 360™



High Performance Compression Connectors Patent # 7,513,795

Overview of Features:

- *Designed for CATV, DSS and broadband installations. Compatible with all application frequencies.*
- *Engineered from precision machined copper alloy, UV protected POM, PVC and rubber ("O" ring).*
- *Mil spec bright nickel plating on all metal parts.*
- *The ANYTOOL™ design works with ANY standard compression tool.*
- *End Bell cannot back up. Locks coax cable securely and positively in place .*
- *Maximum performance with full attention to all internal design components reduces your cost.*
- *Available with customized imprinted silicone rubber OEM bands (special order).*

PV6-PV Application:

This connector fits any standard non-plenum RG-6 75 Ohm single-foil wrap coax cable.

Cable Preparation

Any standard wire strip tool designed for RG-6 with a prepared end of 1/4" bare center conductor and 1/4" exposed braid works.

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 not a factor as long as the closed gap approaches 21 mm ±.

Electrical and General Specifications:

Bandwidth - 2 Mhz to 3 Ghz

Impedence - 75 Ohms nominal

Shielding Effectiveness - better than -90dB

Tested and 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

The RIDGELOC 360'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 21 millimeters ± and the RIDGELOC 360 always installs correctly for maximum quality and performance. The RIDGELOC 360 is suitable for indoor applications and is tested to SCTE standards and weatherproof for hostile outdoor environments. Other features include a extremely rugged machined body, mil spec plating, dimpled grip and available customizable imprint on the identification band at the rear of the end bell.