

# UNIVERSAL COMPRESSION CONNECTORS

## PCT-TRS-6, PCT-TRS-59



Innovation for the Last Mile®



## INNOVATIVE SOLUTIONS

PCT's patented TRS compression connectors are designed for fast, convenient installations while retaining superior performance across all cable types. Sealing protection, cable retention and RFI integrity are provided through two compression rings that guarantee performance regardless of cable type - including messenger cable. The TRS also comes with a proprietary plating material that provides the best corrosion resistant finish available.

PCT's TRS compression connectors provide the convenience of one connector for all braid types of Series 6 and Series 59 drop cables, without the traditional compromises associated with universal designs.

## Advanced Features

- ✓ **Versatile Universal** - One connector for each of Series 6 and 59
- ✓ **Superior Corrosion Resistance** - Nickel plated brass design
- ✓ **Color-Coded Label** - With part number for clear identification
- ✓ **Visible Indicators** - For proper compression activation
- ✓ **Standard Cable Preparation** - 1/4 x 5/16 in.
- ✓ **18 mm Stroke Length** - Compatible with many commonly used compression tools (see Tooling on next page)
- ✓ **Standards Conformance** - Conforms to all applicable SCTE specifications
- ✓ **All Metal Design** - 100% brass construction
- ✓ **Dual O-Ring Design** - Delivers a superior barrier against moisture intrusion
- ✓ **Metal Compression Rings** - Stay compressed and won't break down over time



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## Specifications

PCT-TRS-6		PCT-TRS-59
Parameters	Details	
General		
Bandwidth	5 to 3000 MHz	
Impedance	75 Ohms (Nominal)	
Return Loss		
5 to 1002 MHz	30 dB	
1002 to 2150 MHz	25 dB	
2150 to 3000 MHz	18 dB	
Shielding Effectiveness	Same as unspliced cable $\pm 3$ dB	
Operating Voltage	90 V (at 60 Hz continuous AC)	
Operating Temperature	-40 to +140 °F (-40 to +60 °C)	
Cable Range	RG6 cable bi-shield through quad-shield	RG59 cable bi-shield through quad-shield
Physical Characteristics		
Mating Mechanism	7/16 Hex 3/8-32 UNEF-2B threading	
Construction Material	Nickel plated brass	
Tooling		
Compression Tools	PCT-AIO-CT and PCT-RH-CT-AS, as well as many other manufacturers' 360° standard 18 mm compression stroke length tools	
	To view our Tool Compatibility Table, please visit <a href="http://pctintl.com/PCTtools">pctintl.com/PCTtools</a> .	
Part Number		
PCT-TRS-6	Universal Compression Connector, Series 6, Bi-Shield 60% through Quad-Shield	
PCT-TRS-59	Universal Compression Connector, Series 59, Bi-Shield 67% through Quad-Shield	



## PCT-TRS-6 Cutaway

Dual O-rings provide complete weather-sealed protection without the use of separate "F" port seal rings

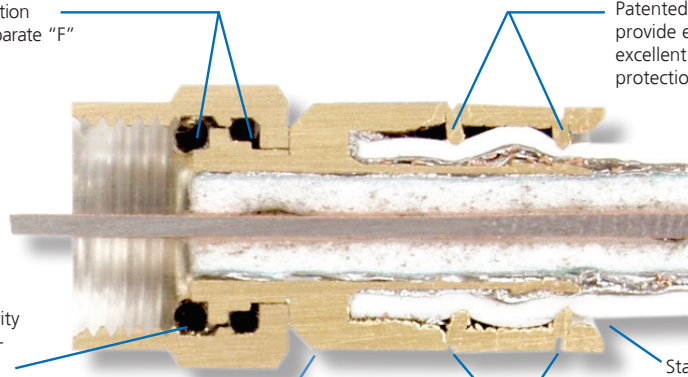
Patented dual 360° compression rings provide enhanced cable retention, excellent shielding effectiveness and protection from moisture ingress

Special O-ring cavity permits full metal-to-metal contact between "F" port and support mandrel as nut is tightened

One-piece, all brass construction

Visible indicators for proper compression activation

Standard cable preparation: 1/4 x 5/16 in.



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