

LOCKING CONNECTOR Keeps Connection Tight

PCT-TRSXL-6L

21 mm stroke length



Innovation for the Last Mile®



ANOTHER INNOVATIVE SOLUTION

PCT's patented locking connector has a lock washer integrated within the connector and its design delivers a supreme barrier against moisture intrusion.

Typical connector installations can create maintenance truck rolls due to the connector becoming loose under common environmental conditions. PCT's locking connector design is the industry solution to this inherent F-port connection problem. Even with repeated refastening to the female port, PCT's locking connector retains its torque feature integrity.

Common industry F connectors require frequent retightening due to temperature cycling and vibration. However, by using an integrated lock washer, PCT's locking nut connector stays properly tightened to the F-female port regardless of vibrations and temperature cycling.

PCT-TRSXL-6L connector is designed with a 21 mm stroke length to be compatible with the most commonly used compression tools, including horseshoe designs.

PCT stands behind the philosophy that a tight connection is always the best connection but understands that an installation completed by a customer or installer may run the chance of being less than perfect. That's why PCT develops products that help avoid service related issues, increase customer satisfaction and lower operational expenses for operators.

Insure your installation today!

- ✓ **Torque Retaining** - Built in lock washer keeps the connection tight
- ✓ **21 mm Stroke Length** - Compatible with most commonly used compression tools (see Tooling on next page)
- ✓ **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



STAY INFORMED - FOLLOW US



LOCKING CONNECTOR

Keeps Connection Tight

PCT-TRSXL-6L

21 mm stroke length



Innovation for the Last Mile®

Specifications

PCT-TRSXL-6L

Parameters	Details
General	
Bandwidth	5 to 3000 MHz
Impedance (Nominal)	75 Ohms
Return Loss	
5 to 1002 MHz	-30 dB
1002 to 2150 MHz	-25 dB
2150 to 3000 MHz	-18 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
Acceptable Maximum Core Diameter (Dielectric + Tape)	0.186 ± 0.004 in (4.73 mm ± 0.100 mm)
Acceptable Minimum Jacket Diameter	0.265 in (6.73 mm)
Acceptable Maximum Jacket Diameter	0.305 in (7.74 mm)
Cable Retention	> 60 lbs (27.21 kg), ambient temperature
Cable Insertion	< 20 lbs (9.07 kg) maximum insertion force, ambient temperature
Loosening Torque	> 2 in-lbs when nut is rotated 22.5 degrees
Physical Characteristics	
Length Before Compression	1.22 in (30.97 mm)
Mating Mechanism	7/16 Hex 3/8-32 UNEF threading
Construction Material	Nickel plated brass
Tooling	
Compression Tools	PCT-RHXL-CT-AS as well as many other manufacturers' standard 21 mm compression stroke length tools
Part Number	
PCT-TRSXL-6L	Compression Connector, Torque Retaining, Series 6 Bi-Shield through Quad-Shield



STAY INFORMED - FOLLOW US

