

PCT-TRSXL-59LMG

TRS Compression Connector, Torque Retaining, Continuous Ground, Series 59 Single Tape and Braid through Quad-Shield

General Specifications

Parameter	Specification
Bandwidth	5 to 3000 MHz
Impedance (Nominal)	75 Ohms
Return Loss (Minimum)	
5 to 1002 MHz	-30 dB
1002 to 2150 MHz	-25 dB
2150 to 3000 MHz	-18 dB
Shielding Effectiveness	
to 300 MHz	> -100 dB
to 3000 MHz	> -90 dB
Insertion Loss at 3000 MHz	≤ 0.2 dB
Loosened Condition	Continuous ground feature maintains the ground path even in a loosened state
Operating Voltage	90 V (at 60 Hz Continuous AC)
Operating Temperature	-40 to +140 °F (-40 to +60 °C)
Cable Range	RG59 Cable Single Tape and Braid Through Quad-Shield
Acceptable Maximum Core Diameter (Dielectric + Tape)	0.157 in (3.99 mm)
Acceptable Jacket Diameter (Min / Max)	0.232 in (5.89 mm) / 0.273 in (6.93 mm)
Cable Retention	> 50 lb (22.68 kg), Ambient Temperature
Cable Insertion	< 20 lb (9.07 kg), Maximum Insertion Force, Ambient Temperature

Physical Characteristics

Parameter	Specification
Length Before Compression	1.01 in (25.4 mm)
Length After Compression	0.83 in (21.1 mm)
Mating Mechanism	7/16 Hex 3/8-32 UNEF Threading
Construction Material	Nickel Plated Brass

Tooling

Description	Part Numbers
Compression Tools ¹	PCT-AIO-CT, PCT-RHXL-CT, PCT-RHXL-CT-AS

Ordering Information

Part Number	Description
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Notes: ¹ This list is not all inclusive and only reflects the 18 mm stroke length tooling options available by PCT International.

