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TNC Male Connector L-400 Coaxial Cable

SKU
ACC-PT-00061
MPN
TN1-C-L40
Barcode
9337692003387

Description

While considered an older design, TNC connectors remain widely used in many US-manufactured devices. Within the wireless communications industry the most popular device manufacturer using TNC connectors is Cisco, who almost exclusively use the connector on its 5G and LTE-HWIC mobile broadband modules.

The TNC Male crimp for L-400 cables is very simple to fit-off. After preparing the PTL-400 (or equivalent series) cable, the connector's centre pin is soldered to the cables inner conductor, and the outer body simply slides over the top until the pin is fully inserted and the body cannot be pushed on any further. The ferrule is crimped using a standard 10.89 mm (.429") hex die.

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TNC Male connectors remain highly popular on a range of Cisco cellular modems, industrial SCADA and ICS radios, and 900 MHz packet data transmitters.



Powertec

Powertec is a wireless technology manufacturer and systems integrator based in Australia. Operating since 1995, Powertec has grown to become the leading wireless technology distributor in its region, and a leading Infratech systems developer. Supporting over 1500 partners the company provides procurement, design, project management, and support services across Australia, New Zealand, Pacific ...

RF Connector Interface

RF Interface	Body Shape	Mounting
TNC Male	Straight	Free Hanging

RF Specification

Start Frequency
0 GHz
Stop Frequency
4 GHz
Input Impedance
50 Ω
Inner Contact Resistance
≤ 1 mΩ
Insulation Resistance
≥ 5000 mΩ
Outer Contact Resistance
≤ 1 mΩ
RF Operating Voltage
≤ 500 Vrms
VSWR Measurement

Frequency	VSWR
4000 MHz	≤ 1.25:1

Physical Specification

Cable Group
L-400
Body Material
Brass
Body Plating
Nickel
Insulator Material
PTFE / Teflon
Dimensions
26 × 15 × 15
Weight
18.7 g
Compliance/Certifications
ISO 9001 Quality Management
,
RoHS
Conductor Attachment
Cable, Crimp
Contact Material
Brass
Contact Plating
Gold
Min. Operating Temperature
-40 °C
Max. Operating Temperature
85 °C
Mating Cycles
> 500

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