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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.

Read More

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 $\leq 1 \text{ m}\Omega$ Insulation Resistance $\geq 5000 \text{ m}\Omega$ Outer Contact Resistance $\leq 1 \text{ m}\Omega$ 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 $26 \times 15 \times 15$ Weight 18.7 gCompliance/Certifications ISO 9001 Quality Management

, <u>RoHS</u> Conductor Attachment <u>Cable, Crimp</u> Contact Material <u>Brass</u> Contact Plating <u>Gold</u> Min. Operating Temperature -40 °C Max. Operating Temperature 85 °C Mating Cycles > 500

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