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N Male Connector for L-240 Coaxial Cable

SKU
ACC-PT-00040
MPN
N1-C-L24
Barcode
9337692000935

Description

The N Male Connector for L-240 Coaxial Cable (SKU: ACC-PT-00040), part number N1-C-L24, is engineered by Powertec for reliable performance in RF applications including UHF, 3G, 4G LTE, and WiFi. Known for its durability and power handling, this N-Type connector is ideal for terminating LMR-240 or equivalent braided coaxial cables.

Featuring a straightforward installation process, the pin is soldered to the centre conductor, and the outer body is secured over it until flush. The ferrule is crimped using a standard 6.5 mm (.255") hex die. This straight body connector with a free-hanging mounting style is constructed from nickel-plated brass, with gold-plated brass inner contacts, and a PTFE insulator, ensuring robust performance.

With dimensions of 26.0 × 19.0 × 9.1 mm, it operates at frequencies from 0 GHz to 6.0 GHz, maintaining an input impedance of 50 Ω and insulation resistance of ≥ 5000 mΩ. The connector can handle RF operating...

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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
N Male	Straight	Free Hanging

RF Specification

Start Frequency
0 GHz
Stop Frequency
6 GHz
Dielectric Withstand
1500 Vrms
Input Impedance
50 Ω
Insulation Resistance
≥ 5000 mΩ
RF Operating Voltage
≤ 1000 Vrms
VSWR Measurement

Frequency	VSWR
6000 MHz	≤ 1.5:1

Physical Specification

Cable Group

L-240

Body Material

Brass

Body Plating

Nickel

Insulator Material

PTFE / Teflon

Dimensions

26.0 × 19.0 × 9.1

Compliance/Certifications

RoHS

Conductor Attachment

Cable, Crimp

Contact Material

Brass

Contact Plating

Gold

Min. Operating Temperature

-55 °C

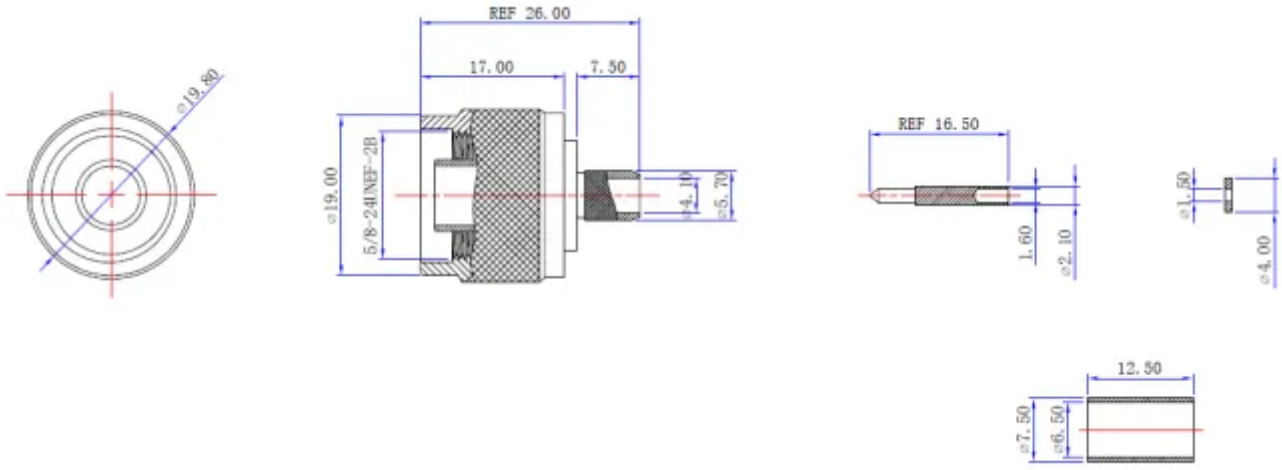
Max. Operating Temperature

165 °C

Mating Cycles

> 500

Drawing



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