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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 m Ω . The connector can handle RF operating...

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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

[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

$\geq 5000 \text{ m}\Omega$

RF Operating Voltage

$\leq 1000 \text{ Vrms}$

VSWR Measurement

Frequency VSWR

6000 MHz $\leq 1.5:1$

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

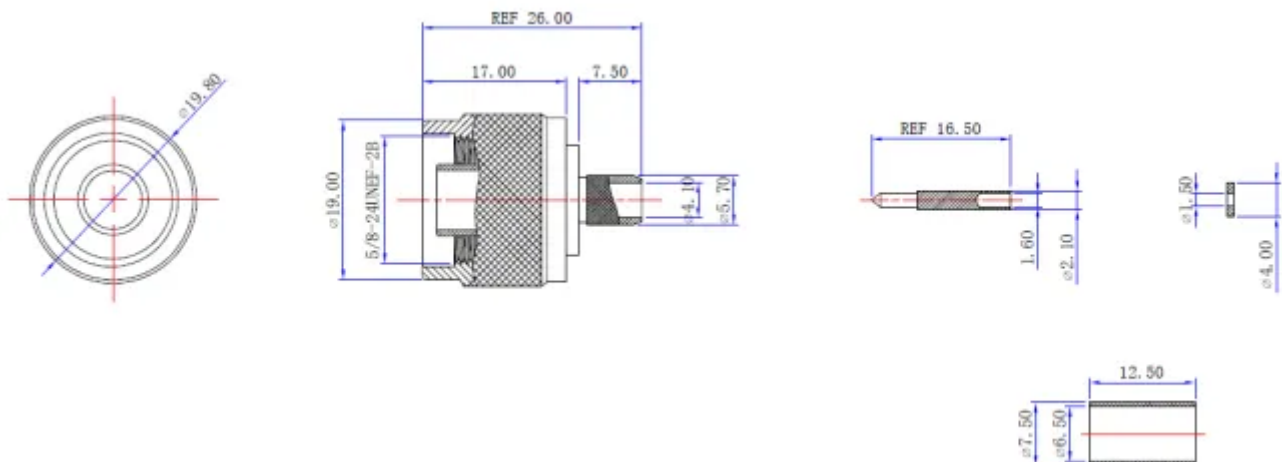
Max. Operating Temperature

165 °C

Mating Cycles

> 500

Drawing



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