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N Male Connector for L-240 Cable, Right Angle

SKU
ACC-PT-00392
MPN
N1-C-L24
Barcode
9337692004612

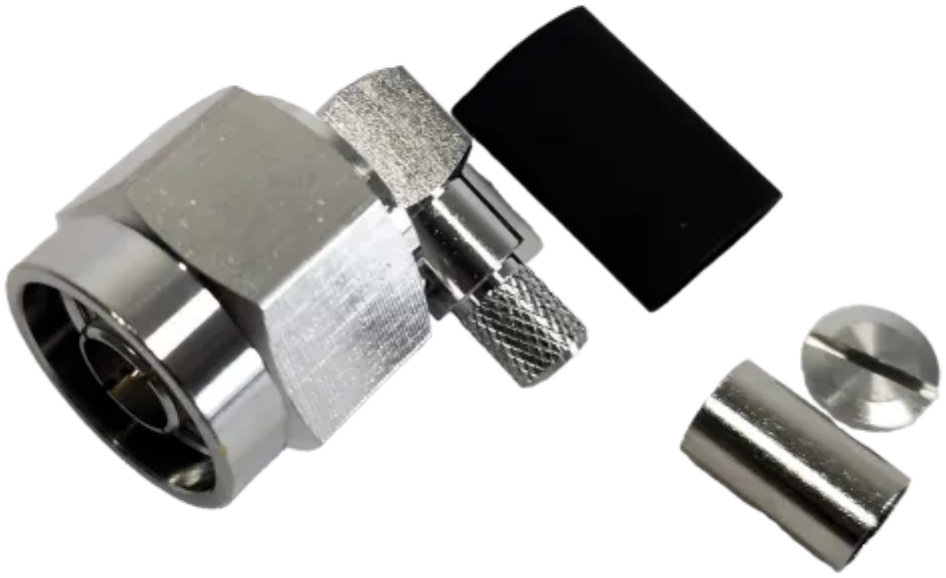
Description

The N Male Connector for L-240 Cable, Right Angle (SKU: ACC-PT-00392) is engineered by Powertec, part number N1-C-L24, for a range of low-frequency applications like UHF, 4G LTE, and WiFi. This N-Type connector is renowned for its durability and excellent power handling capabilities.

Specifically designed for terminating LMR-240 or equivalent coaxial cables, this right-angled connector features a hexagonal coupling nut, facilitating easy tightening with a torque wrench. Installation is straightforward: after prepping the cable, the outer body is fitted over until the centre conductor aligns with the inner contact, requiring minimal soldering. The ferrule is crimped using a standard 6.5 mm hex die.

Constructed with a Brass body and Nickel plating, it features Gold-plated Brass inner contacts and a PTFE/Teflon insulator. It supports over 500 mating cycles and operates between -65 °C to 165 °C, with a frequency range up to 6.0 GHz. The...

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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	Right Angle	Free Hanging

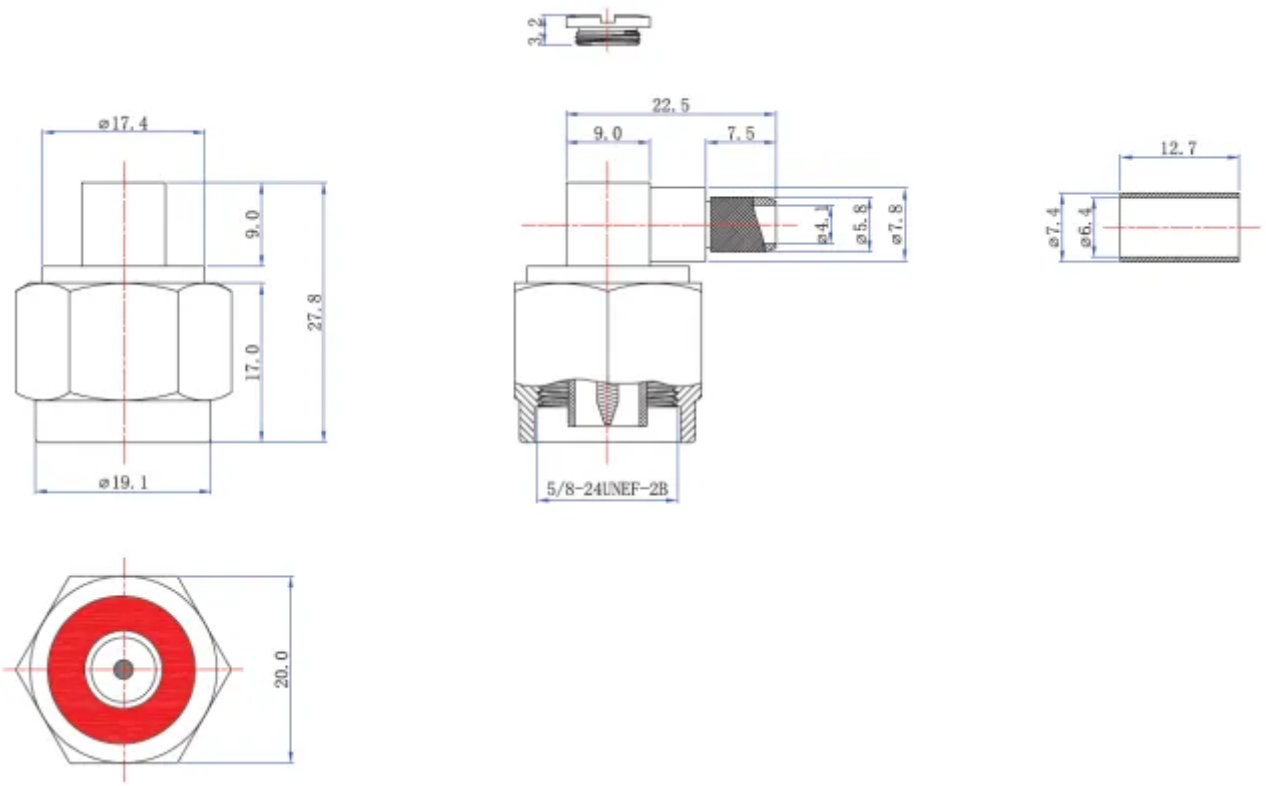
RF Specification

Start Frequency
0 GHz
Stop Frequency
6 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
6000 MHz	≤ 1.35:1

Physical Specification

Cable Group
L-240
Body Material
Brass
Body Plating
Nickel
Insulator Material
PTFE / Teflon
Dimensions
27.5 × 20 × 27.8
Weight
42.1 g
Compliance/Certifications
ISO 9001 Quality Management
,
RoHS
Conductor Attachment
Cable, Crimp
Contact Material
Brass
Contact Plating
Gold
Min. Operating Temperature
-65 °C
Max. Operating Temperature
165 °C
Mating Cycles
> 500
Drawing



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