Powertec Wireless Technology
ABN: 42 082 948 463
PO Box 1034, Ashmore City
Queensland, Australia, 4214
sales@powertec.com.au
1300 769 378

N Male Connector for L-400 Coaxial Cable

SKU
ACC-PT-00037
MPN
N1-C-L40
Barcode
9337692000836

Description

The N Male Connector for L-400 Coaxial Cable (SKU: ACC-PT-00037), part number N1-C-L40, is designed by Powertec for reliable performance in RF applications, including UHF and 4G LTE. Known for its durability and good power handling, this N-Type connector is ideal for terminating LMR-400 series cables.

Installation is straightforward: solder the pin onto the centre conductor, position the outer body, and crimp with a 10.89 mm hex die. The connector features a straight, free-hanging design for easy integration with L-400 cables using a crimp attachment.

Constructed with a brass body and nickel plating, it also boasts gold-plated brass inner contacts and a PTFE/Teflon insulator. It supports up to mating cycles and operates within a frequency range of 0 GHz to 5.0 GHz with an impedance of 50 Ω. The connector has a high insulation resistance of ≥ 5000 mΩ and an RF operating voltage of ≤ 1000 Vrms.

Performance is ensured with a VSWR of ≤ 1.08:1...

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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

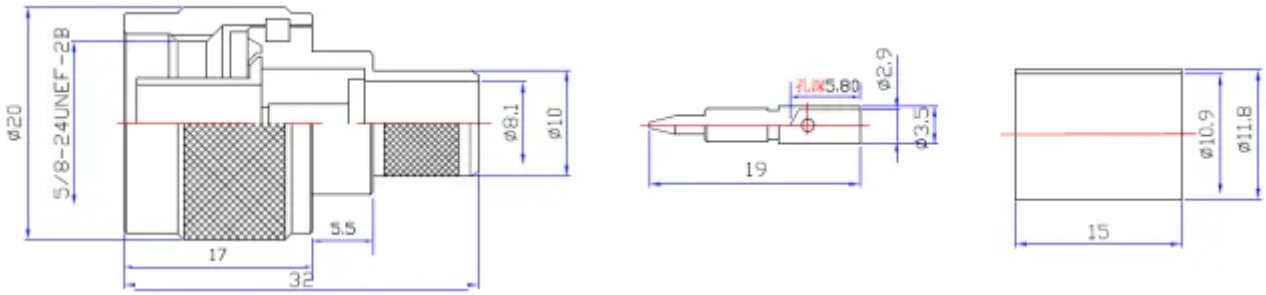
Start Frequency
0 GHz
Stop Frequency
5 GHz
Dielectric Withstand
2500 Vrms
Input Impedance
50 Ω
Insulation Resistance
≥ 5000 mΩ
RF Operating Voltage
≤ 1000 Vrms
VSWR Measurement

Frequency	VSWR
1000 MHz	≤ 1.08:1

Frequency	VSWR
5000 MHz	≤ 1.2:1

Physical Specification

Cable Group
L-400
Body Material
Brass
Body Plating
Nickel
Insulator Material
PTFE / Teflon
Dimensions
32 x 20 x 15
Compliance/Certifications
RoHS
Conductor Attachment
Cable, Crimp
Contact Material
Brass
Contact Plating
Gold
Drawing



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