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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	Input Impedance:	50
Stop Frequency:	5 GHz	Insulation Resistance:	≥ 5000 mΩ
Dielectric Withstand:	2500 Vrms	RF Operating Voltage:	≤ 1000 Vrms

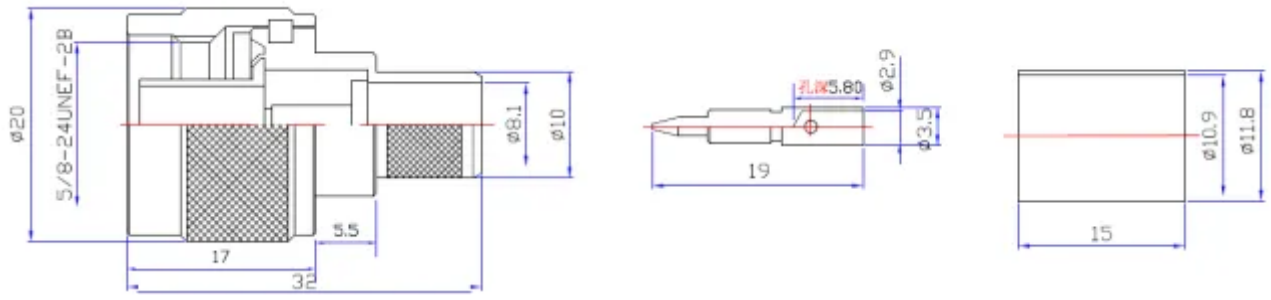
VSWR Measurement

Frequency	VSWR
1000 MHz	≤ 1.08:1
5000 MHz	≤ 1.2:1

Physical Specification

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

Drawing



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