

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 $\leq 1.08:1$...

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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:	$\geq 5000 \text{ m}\Omega$
Dielectric Withstand:	2500 Vrms	RF Operating Voltage:	$\leq 1000 \text{ Vrms}$

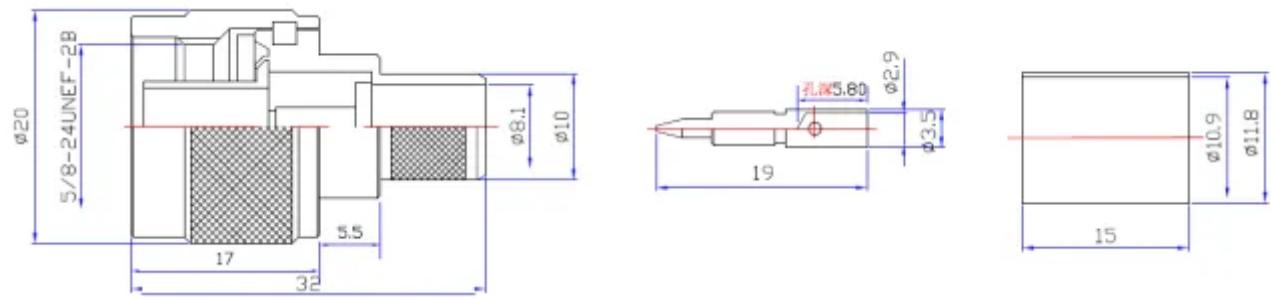
VSWR Measurement

Frequency	VSWR
1000 MHz	$\leq 1.08:1$
5000 MHz	$\leq 1.2:1$

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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