

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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RF Connector Interface

RF Interface	Body Shape	Mounting
N Male	Right Angle	Free Hanging

RF Specification

Start Frequency:	0 GHz	Input Impedance:	50
Stop Frequency:	6 GHz	Inner Contact Resistance:	$\leq 1 \text{ m}\Omega$
		Insulation Resistance:	$\geq 5000 \text{ m}\Omega$
		Outer Contact Resistance:	$\leq 1 \text{ m}\Omega$
		RF Operating Voltage:	$\leq 500 \text{ Vrms}$

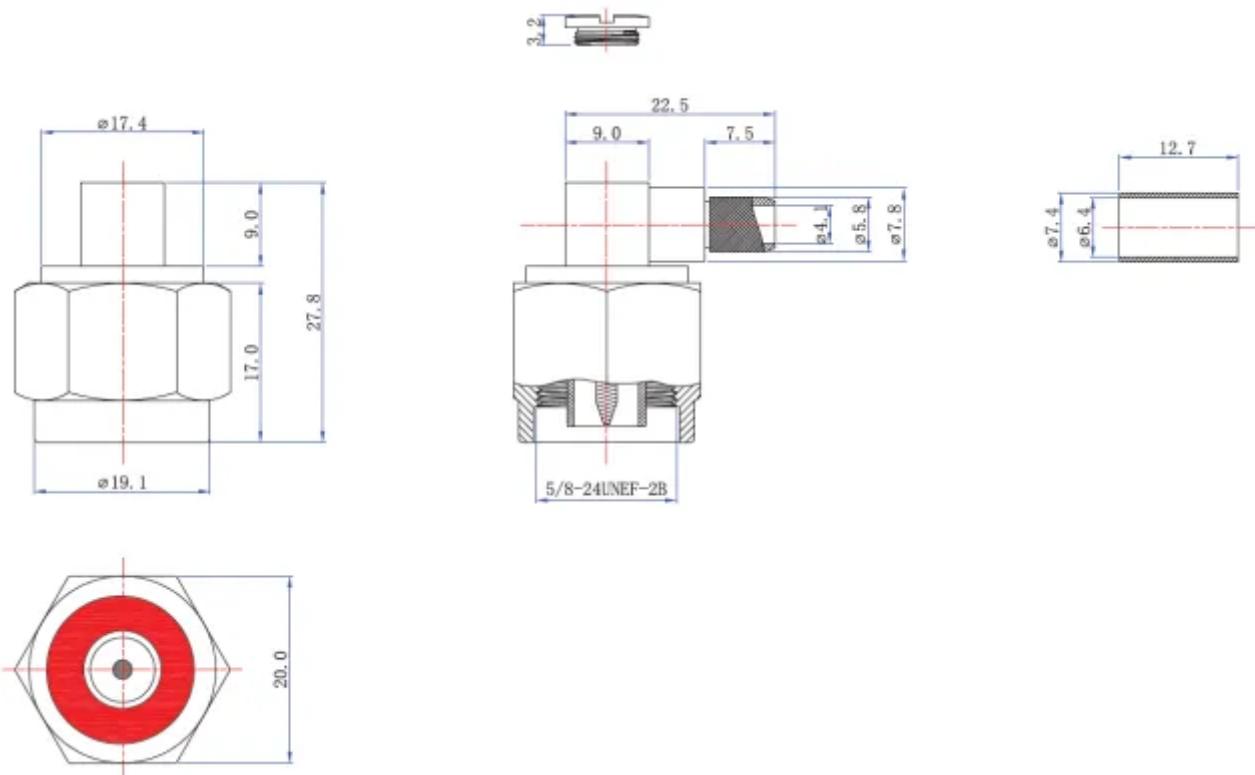
VSWR Measurement

Frequency	VSWR
6000 MHz	$\leq 1.35:1$

Physical Specification

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

Drawing



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