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N Female Connector for L-400 Coaxial Cable

SKU
ACC-PT-00031
MPN
N2-C-L40
Barcode
9337692003295

Description

The N Female Connector for L-400 Coaxial Cable, part number N2-C-L40, is a high-quality RF connector crafted by Powertec. Designed for optimal performance, it features a straight body and free-hanging mounting style, perfectly suited for L-400 cable types using a cable crimp attachment. Constructed from nickel-plated brass with gold-plated brass contacts, this connector ensures reliable conductivity and durability. The PTFE/Teflon insulator enhances electrical insulation, providing a robust solution for various applications.

This connector supports over 500 mating cycles and operates within a temperature range of -55 °C to 165 °C. It offers an operating frequency range from 0 to 6.0 GHz and maintains an input impedance of 50 Ω. With an insulation resistance of ≥ 5000 mΩ and RF operating voltage of ≤ 1000 Vrms, it delivers dependable performance. The VSWR remains ≤ 1.5:1 at 6000 MHz, ensuring minimal signal reflection and loss.

Compliant...

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Powertec

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 Female	Straight	Free Hanging

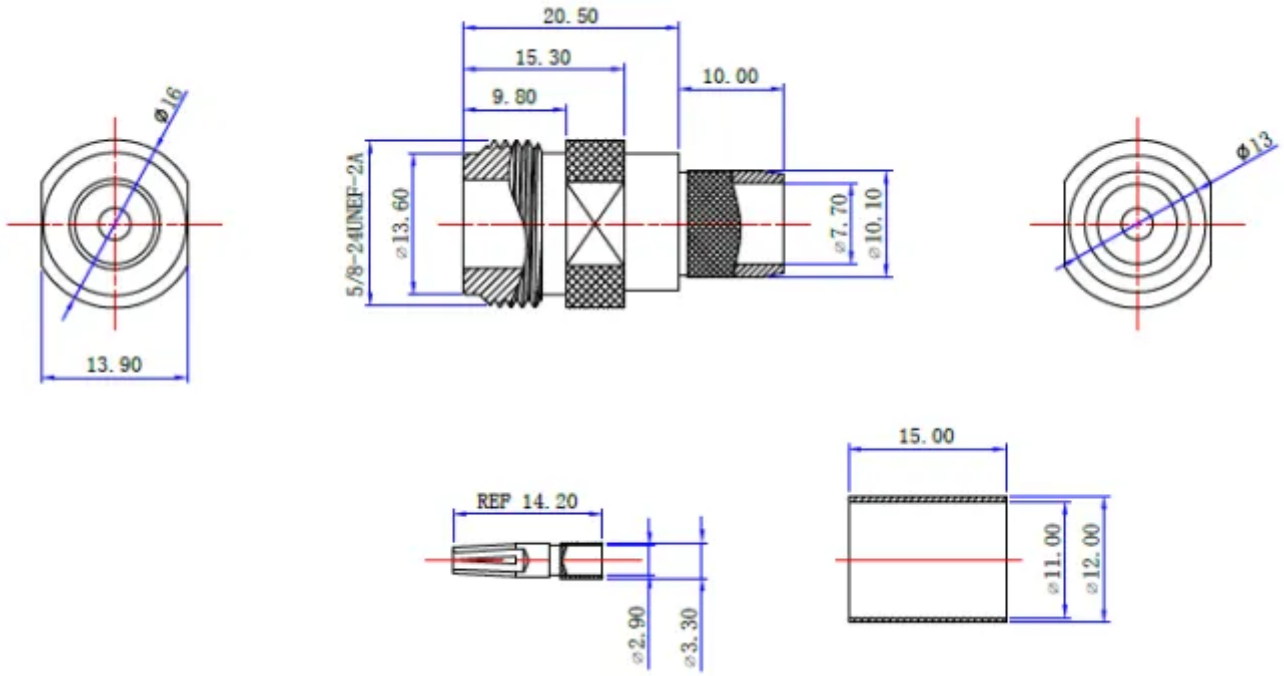
RF Specification

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

Frequency	VSWR
6000 MHz	≤ 1.5:1

Physical Specification

Cable Group
L-400
Body Material
Brass
Body Plating
Nickel
Insulator Material
PTFE / Teflon
Dimensions
20.5 × 13.6
Compliance/Certifications
RoHS
Conductor Attachment
Cable, Crimp
Contact Material
Brass
Contact Plating
Gold
Min. Operating Temperature
-55 °C
Max. Operating Temperature
165 °C
Mating Cycles
> 500
Drawing



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