

# 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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[RF Connector Interface](#)



### RF Interface

N Female

### Body Shape

Straight

### Mounting

Free Hanging

## RF Specification



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 ...

|                  |       |                        |             |
|------------------|-------|------------------------|-------------|
| Start Frequency: | 0 GHz | Input Impedance:       | 50          |
| Stop Frequency:  | 6 GHz | Insulation Resistance: | ≥ 5000 mΩ   |
|                  |       | RF Operating Voltage:  | ≤ 1000 Vrms |

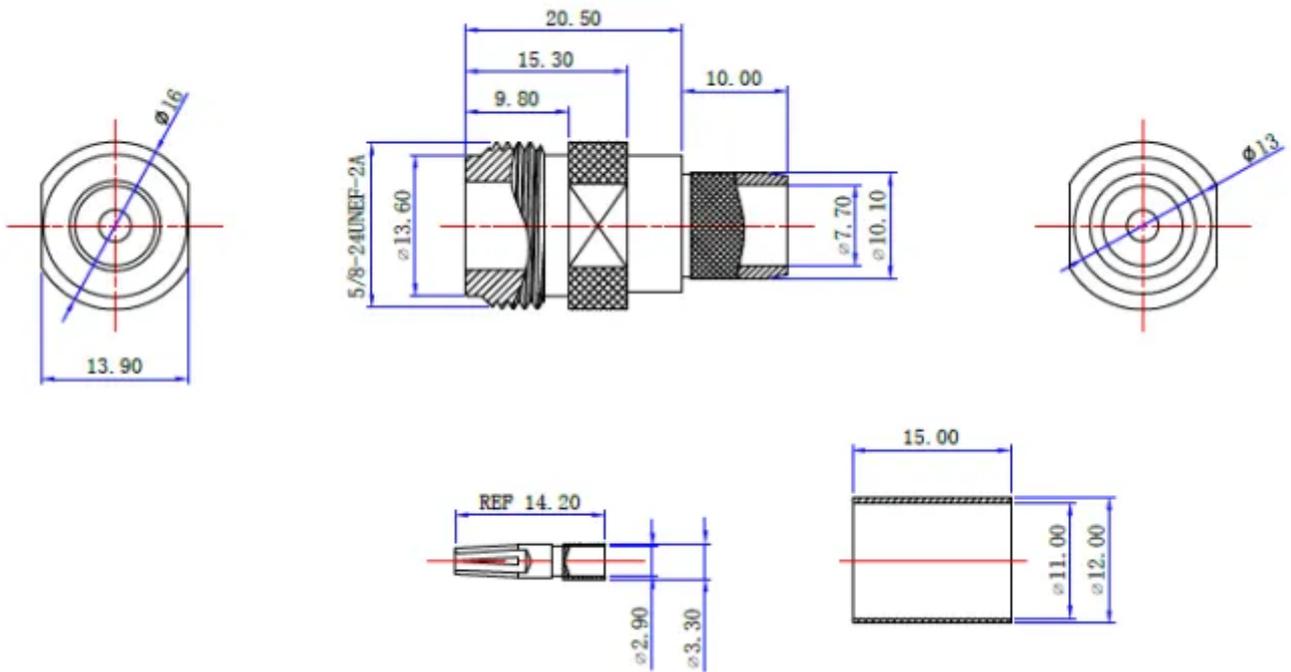
#### VSWR Measurement

| Frequency | VSWR    |
|-----------|---------|
| 6000 MHz  | ≤ 1.5:1 |

## 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 | Min. Operating Temperature: | -55 °C       |
| Dimensions:                | 20.5 × 13.6   | Max. Operating Temperature: | 165 °C       |
| Compliance/Certifications: | RoHS          | Mating Cycles:              | > 500        |

# Drawing



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