

## N Male Connector (Plug) Crimp/Solder Attachment for LMR-400 Cable IP67 Rated



### TC-400-NMH-X



## Times Microwave Systems Connector Specification

### Configuration

- N Male Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: LMR-400
- 13/16 inch Hex

### Features

- Operating Frequency of 6 GHz Max.
- Excellent VSWR of 1.25:1
- Gold Plated Brass Contact
- 50  $\mu$  in. minimum contact plating

### Applications

- General Purpose Test
- Custom Cable Assemblies

### Description

Type N Male Connector Crimp/Solder Attachment for LMR-400 Cable,, part number TC-400-NMH-X, from Fairview Microwave is in-stock and ships same day. This type N male connector operates up to a maximum frequency of 6 GHz and offers excellent VSWR of 1.25:1.

Fairview's type N male connector TC-400-NMH-X datasheet specifications and outline drawing are shown in this PDF below. Our extensive offering of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. From providing an I/O for a board design to creating a custom cable assembly configuration, Fairview Microwave has a connector solution to meet your needs. Fairview Microwave also has the expertise to build your custom cable assemblies for you and ship them same-day.

### Electrical Specifications

| Description            | Minimum | Typical | Maximum | Units |
|------------------------|---------|---------|---------|-------|
| Frequency Range        | DC      |         | 6       | GHz   |
| VSWR                   |         |         | 1.25:1  |       |
| Insertion Loss         |         |         | 0.1     | dB    |
| Operating Voltage (AC) |         |         | 1,500   | Vrms  |
| Impedance              |         | 50      |         | Ohms  |

### Mechanical Specifications

#### Size

|        |                     |
|--------|---------------------|
| Length | 1.5 in [38.1 mm]    |
| Width  | 0.8 in [20.32 mm]   |
| Height | 0.8 in [20.32 mm]   |
| Weight | 0.101 lbs [45.81 g] |

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#### Material Specifications

| Description     | Material | Plating                        |
|-----------------|----------|--------------------------------|
| Contact         | Brass    | Gold<br>50 µ in. minimum       |
| Insulation      | PTFE     |                                |
| Outer Conductor | Brass    | Tri-Metal                      |
| Body            | Brass    | Tri-Metal<br>150 µ in. minimum |
| Coupling Nut    | Brass    | Tri-Metal<br>150 µ in. minimum |
| Gasket          | Silicone |                                |

#### Environmental Specifications

##### Temperature

Operating Range

Shock

Vibration

-55 to +155 deg C

MIL-STD-202 Method 213 Cond. I

MIL-STD-202 Method 204 Cond. B

**Compliance Certifications** (see [product page](#) for current document)

#### Plotted and Other Data

Notes:

N Male Connector (Plug) Crimp/Solder Attachment for LMR-400 Cable IP67 Rated from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [N Male Connector \(Plug\) Crimp/Solder Attachment for LMR-400 Cable IP67 Rated TC-400-NMH-X](#)

URL: <https://www.fairviewmicrowave.com/product/rf-connectors/n-male-lmr-400-connector-tc-400-nmh-x.html>

The information contained within this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part in order to implement improvements. Fairview Microwave reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Fairview Microwave does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Fairview Microwave does not assume liability arising out of the use of any part or document.

TC-400-NMH-X CAD Drawing
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