PASTERNACK®
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# N Female to TNC Male Adapter



## TECHNICAL DATA SHEET PE9089

**N Female to TNC Male Adapter**

### Configuration

| | |
|---|---|
| Connector 1 | N Female |
| Connector Specification 1 | MIL-STD-348A |
| Connector 2 | TNC Male |
| Connector Specification 2 | MIL-STD-348A |
| Adapter Design | Standard |
| Body Style | Straight |

### Electrical Specifications

| | |
|---|---|
| Frequency Range, GHz | DC to 11 |
| Impedance, Ohms | 50 |
| Maximum Operating Voltage, Volts | 500 |
| Dielectric Withstanding Voltage, Vrms | 1,500 |

**Frequency 1**

| | |
|---|---|
| Frequency, GHz | DC to 6 |
| VSWR | 1.3:1 |

### Mechanical Specifications

**Temperature**

| | |
|---|---|
| Operating Range,deg C | -65 to +165 |

**Size**

| | |
|---|---|
| Length, in [mm] | 1.5 [38.1] |
| Width/Dia., in [mm] | 0.669 [16.99] |
| Dielectric Type | Teflon |

**Connector 1**

| | |
|---|---|
| Type | N Female |
| Inner Conductor Material and Plating | Brass, Gold |
| Inner Conductor Plating Specification | 50µ in. minimum |
| Body Material and Plating | Brass, Nickel |
| Body Plating Specification | 100µ in. minimum |

**Connector 2**

| | |
|---|---|
| Type | TNC Male |
| Inner Conductor Material and Plating | Brass, Gold |
| Inner Conductor Plating Specification | 50µ in. minimum |
| Coupling Nut Material and Plating | Brass, Nickel |
| Coupling Nut Plating Specification | 100µ in. minimum |
| Body Material and Plating | Brass, Nickel |
| Body Plating Specification | 100µ in. minimum |

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: N Female to TNC Male Adapter PE9089

The information contained in 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. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal.

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**Compliance Certifications** (visit www.Pasternack.com for current document)

| | |
|---|---|
| RoHS Compliant | Yes |

**Plotted and Other Data**

| | |
|---|---|
| Notes: | Values at 25 °C, sea level |

URL: http://www.pasternack.com/n-female-tnc-male-straight-adapter-pe9089-p.aspx

N Female to TNC Male Adapter from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

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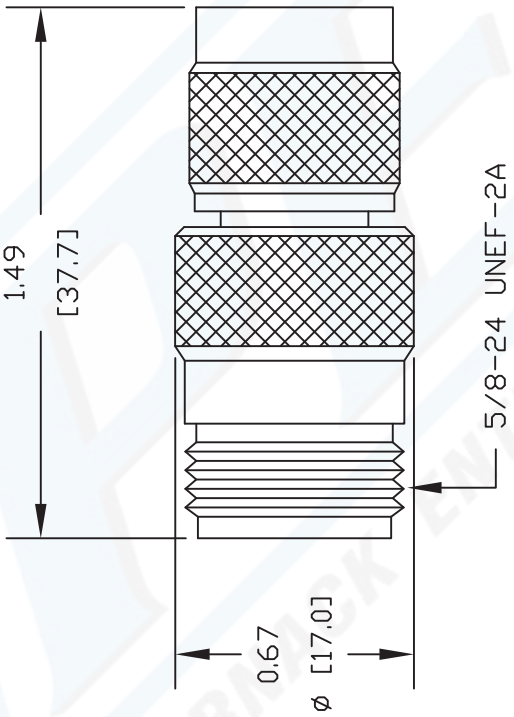
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# PE9089 CAD Drawing

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NOTES:
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
3. DIMENSIONS ARE IN INCHES [mm].

DWG TITLE **PE9089**

REV. - | FSCM NO. 53919 | CAD FILE 082602 | SCALE N/A | SIZE A | 127

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