



## TNC Male to UHF Female Adapter

### RF Adapters Technical Data Sheet

PE9291

#### Configuration

- TNC Male Connector 1
- UHF Female Connector 2
- 50 Ohms
- Straight Body Geometry

#### Features

- Typical VSWR of 1.3:1 up to 300 MHz
- Gold Plated Brass Contact

#### Applications

- Allows Connection Between Series
- General Purpose Test

#### Description

Pasternack's PE9291 TNC male to UHF female adapter is part of our full line of RF components available for same-day shipping. Our TNC to UHF adapter has a male to female gender configuration. PE9291 TNC male to UHF female adapter operates to 300 MHz.

RF adapters are often used to enable connections between two connector types that would otherwise not mate. Certain adapter configurations can also be used to protect connectors on expensive equipment where the number of connect/disconnect cycles is high. An RF, microwave or millimeter wave adapter is connected to the equipment, and the commonly changed connection is made with the adapter which can be easily replaced when it wears out after high usage; such adapters are referred to as connector savers. Pasternack also offers bulkhead, panel mount, hermetically sealed, reverse polarity, and isolated ground adapter varieties to serve all of your RF, microwave and millimeter wave needs.

#### Electrical Specifications

| Description     | Minimum | Typical | Maximum | Units |
|-----------------|---------|---------|---------|-------|
| Frequency Range | DC      |         | 300     | MHz   |
| VSWR            |         | 1.3:1   |         |       |

Electrical Specification Notes:  
Values at 25°C, sea level.

#### Mechanical Specifications

|        |                     |
|--------|---------------------|
| Size   |                     |
| Length | 1.29 in [32.77 mm]  |
| Width  | 0.625 in [15.88 mm] |
| Weight | 0.061 lbs [27.67 g] |

| Description | Connector 1 | Connector 2 |
|-------------|-------------|-------------|
| Type        | TNC Male    | UHF Female  |
| Polarity    | Standard    | Standard    |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [TNC Male to UHF Female Adapter PE9291](#)



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#### Material Specifications

| Description     | Connector 1     |         | Connector 2 |         |
|-----------------|-----------------|---------|-------------|---------|
|                 | Material        | Plating | Material    | Plating |
| Type            | TNC Male        |         | UHF Female  |         |
| Contact         | Brass           | Gold    | Brass       | Gold    |
| Insulation      | PTFE            |         | PTFE        |         |
| Outer Conductor |                 |         | Brass       | Nickel  |
| Body            | Brass           | Nickel  |             |         |
| Gasket          | Silicone Rubber |         |             |         |
| Coupling Nut    | Brass           | Nickel  |             |         |

#### Environmental Specifications

##### Temperature

Operating Range

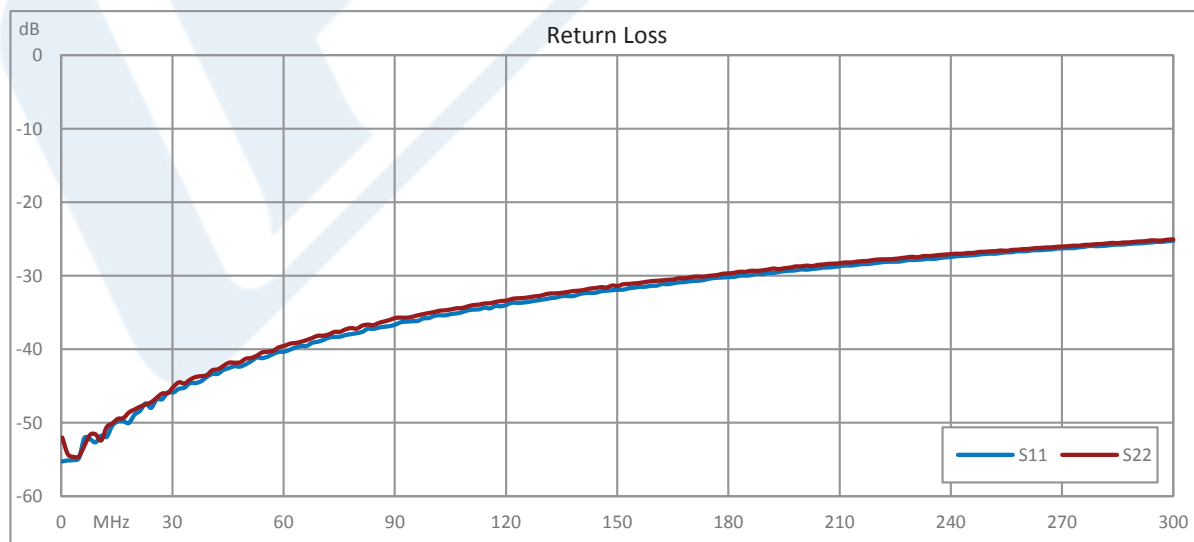
-65 to +165 deg C

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

#### Plotted and Other Data

Notes:

#### Typical Performance Data



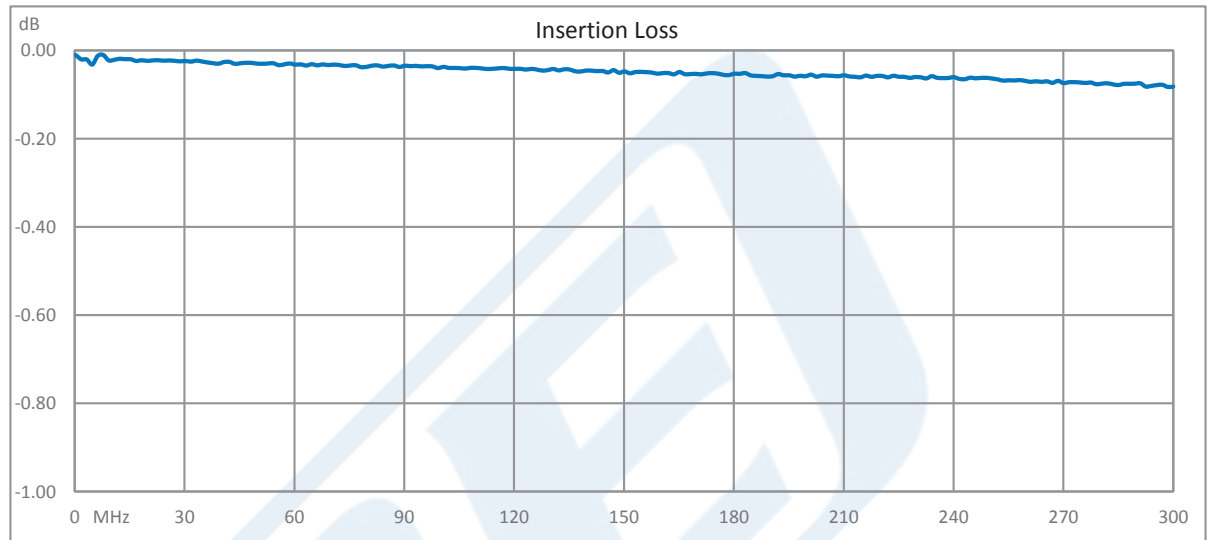
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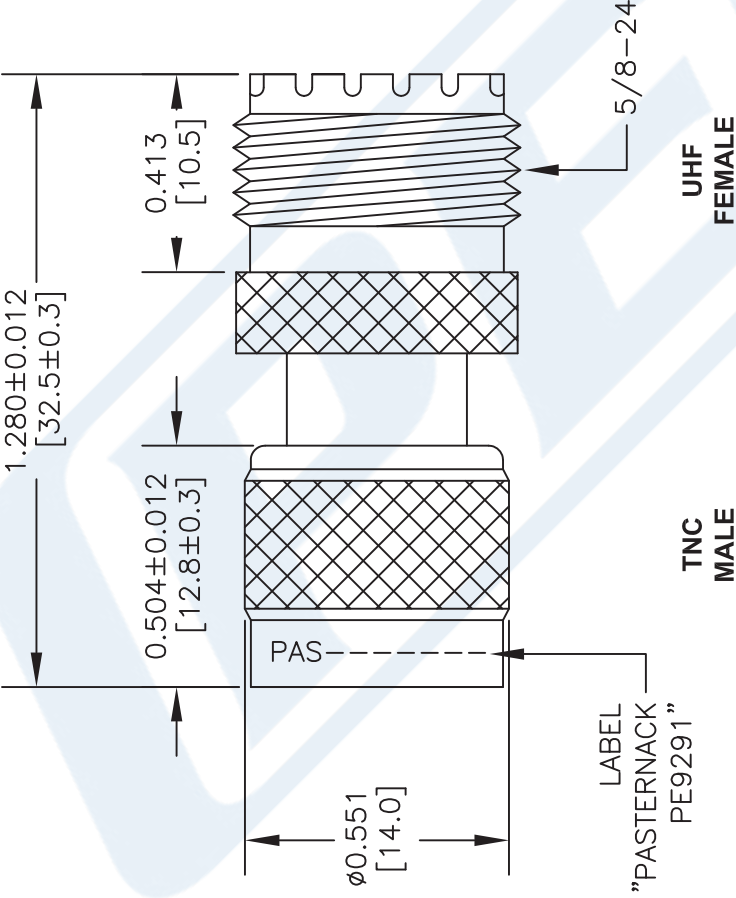
TNC Male to UHF Female Adapter from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [TNC Male to UHF Female Adapter PE9291](#)

URL: <https://www.pasternack.com/tnc-male-uhf-female-straight-adapter-pe9291-p.aspx>

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. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

PE9291 CAD Drawing  
TNC Male to UHF Female Adapter



STANDARD TOLERANCES

.X ±0.2  
.XX ±0.1  
.XXX ±0.05

\*STANDARD TOLERANCES APPLY  
ONLY TO DIMENSIONS IN INCHES



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DWG TITLE

PE9291

FSCM NO. 53919

CAD FILE 022416

SCALE N/A

SIZE A

3045

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].