



## Precision SMA Female to TNC Female Adapter

### TECHNICAL DATA SHEET

PE9442

#### Configuration

Connector 1	SMA Female
Impedance 1	50 Ohms
Connector Specification 1	MIL-C-39012
Connector 2	TNC Female
Impedance 2	50 Ohms
Connector Specification 2	MIL-C-39012
Adapter Design	Precision
Body Style	Straight

#### Electrical Specifications

Frequency Range, GHz	DC to 18
Maximum VSWR	1.25:1

#### Mechanical Specifications

##### Temperature

Operating Range, deg C	-65 to +125
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##### Size

Length, in [mm]	1.62 [41.15]
Width/Dia., in [mm]	0.56 [14.22]

#### Connector 1

Type	SMA Female
Inner Conductor Material and Plating	Beryllium Copper, Gold
Body Material and Plating	Passivated Stainless Steel

#### Connector 2

Type	TNC Female
Inner Conductor Material and Plating	Beryllium Copper, Gold
Body Material and Plating	Passivated Stainless Steel

#### Compliance Certifications (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

RoHS Compliant	
REACH Compliant	06/18/2012

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Precision SMA Female to TNC Female Adapter PE9442](#)



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#### Plotted and Other Data

Notes:

- Values at +25 °C, sea level

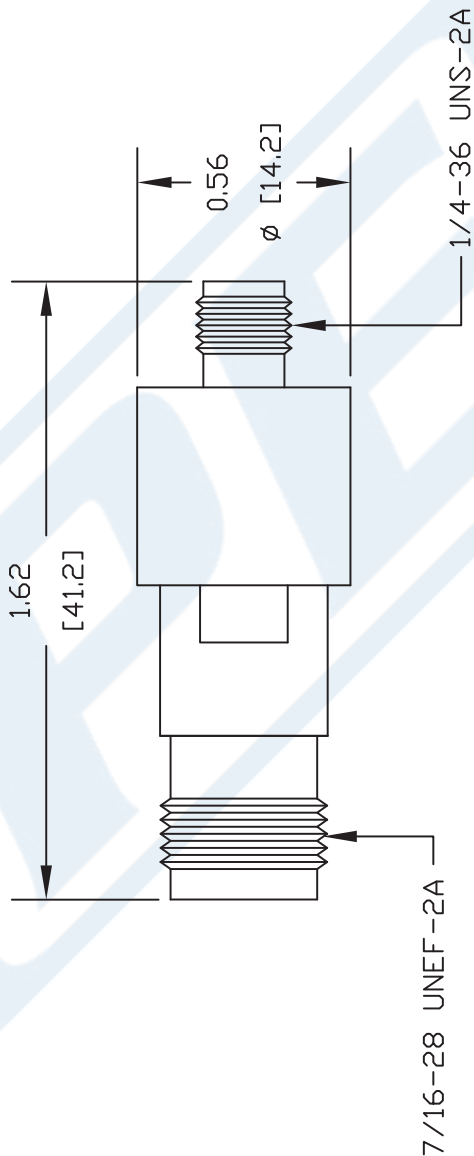
Precision SMA Female to TNC Female Adapter from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Precision SMA Female to TNC Female Adapter PE9442](#)

URL: <http://www.pasternack.com/sma-female-tnc-female-straight-adapter-pe9442-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.

**PE9442 CAD Drawing**  
Precision SMA Female to TNC Female Adapter



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  
**PE9442**

FSCM NO. 53919

CAD FILE 111110

SCALE N/A

SIZE A

127

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