



## TNC Female to BNC Female Adapter

### TECHNICAL DATA SHEET

PE9097

#### TNC Female to BNC Female Adapter

##### Configuration

Connector 1	TNC Female
Connector 2	BNC Female
Adapter Design	Standard
Body Style	Straight

##### Electrical Specifications

Frequency Range, GHz	DC to 4
Impedance, Ohms	50
Maximum VSWR	1.3:1
Maximum Operating Voltage, Volts	500
Dielectric Withstanding Voltage, Vrms	1,500

##### Mechanical Specifications

###### Temperature

Operating Range, deg C	-65 to +165
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###### Size

Length, in [mm]	1.28 [32.51]
Width/Dia., in [mm]	0.472 [11.99]
Dielectric Type	Teflon

###### Connector 1

Type	TNC Female
Inner Conductor Material and Plating	Brass, Gold
Inner Conductor Plating Specification	30µ in. minimum
Body Material and Plating	Brass, Nickel
Body Plating Specification	100µ in. minimum

###### Connector 2

Type	BNC Female
Inner Conductor Material and Plating	Brass, Gold
Inner Conductor Plating Specification	30µ in. minimum
Body Material and Plating	Brass, Nickel
Body Plating Specification	100µ in. minimum

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

RoHS Compliant	Yes
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Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [TNC Female to BNC Female Adapter PE9097](#)

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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**Plotted and Other Data**

Notes:

Values at 25 °C, sea level

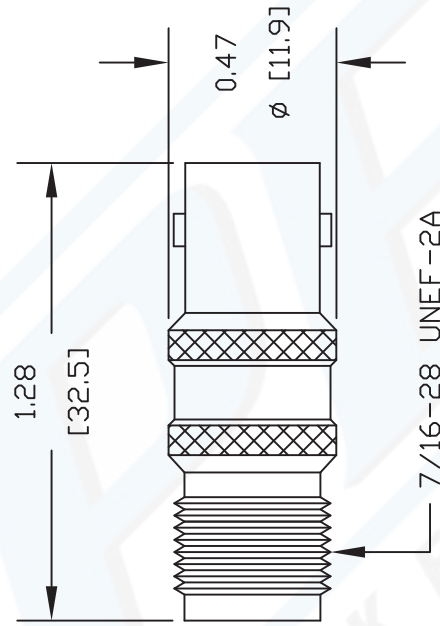
URL: <http://www.pasternack.com/tnc-female-bnc-female-straight-adapter-pe9097-p.aspx>

TNC Female to BNC Female 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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# PE9097 CAD Drawing

## TNC Female to BNC 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  
**PE9097**

127

SIZE A

SCALE N/A

CAD FILE 082702

FSCM NO. 53919

REV. -

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