



## SMA Male to TNC Female Adapter

### TECHNICAL DATA SHEET

PE9078

#### Configuration

Connector 1	SMA Male
Impedance 1	50 Ohms
Connector Specification 1	MIL-STD-348A
Connector 2	TNC Female
Impedance 2	50 Ohms
Adapter Design	Standard
Body Style	Straight

#### Electrical Specifications

Frequency Range	DC to 11 GHz
Maximum VSWR	1.3:1
Maximum Operating Voltage, Volts	500

#### Mechanical Specifications

##### Size

Length, in [mm]	1.03 [26.16]
Width/Dia., in [mm]	0.5 [12.7]

##### Connector 1

Type	SMA Male
Inner Conductor Material and Plating	Beryllium Copper, Gold
Inner Conductor Plating Specification	50µ in. minimum
Coupling Nut Material and Plating	Brass, Nickel
Coupling Nut Plating Specification	100µ in. minimum
Hex Size, in.	5/16
Torque, in-lbs [Nm]	5 [0.57]
Body Material and Plating	Passivated Stainless Steel
Dielectric Type	Teflon

##### Connector 2

Type	TNC Female
Inner Conductor Material and Plating	Beryllium Copper, Gold
Inner Conductor Plating Specification	50µ in. minimum
Body Material and Plating	Passivated Stainless Steel
Dielectric Type	Teflon

#### Environmental Specifications

##### Temperature

Operating Range	-65 to +165 deg C
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#### Compliance Certifications (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

Not 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: [SMA Male to TNC Female Adapter PE9078](#)

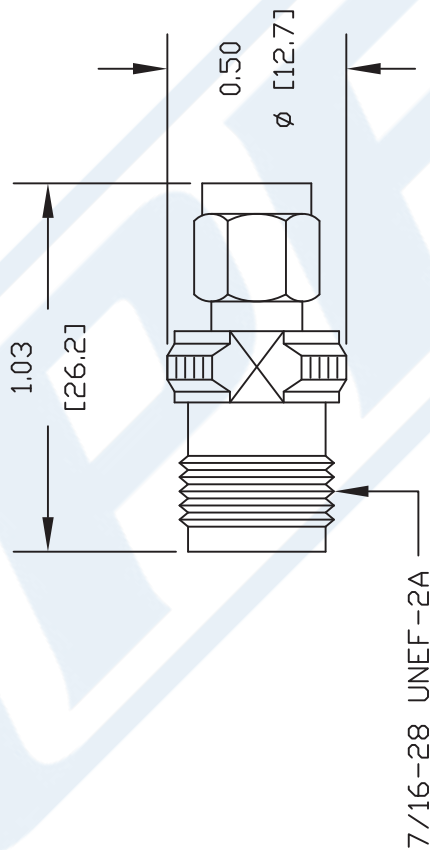
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Notes:

- 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.

PE9078 CAD Drawing  
SMA Male 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  
**PE9078**

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CAD FILE 082602

SCALE N/A

SIZE A

127