



## SMA Male to N Male Adapter

### TECHNICAL DATA SHEET

PE9080

#### Configuration

Connector 1	SMA Male
Impedance 1	50 Ohms
Connector Specification 1	MIL-STD-348A
Connector 2	N Male
Impedance 2	50 Ohms
Connector Specification 2	MIL-STD-348A
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

##### Temperature

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

Length, in [mm]	1.28 [32.51]
Width/Dia., in [mm]	0.827 [21.01]

#### Connector 1

Type	SMA 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
Hex Size, in	5/16
Torque, in-lbs [Nm]	5 [0.57]
Body Material and Plating	Brass, Nickel
Body Plating Specification	100μ in. minimum
Dielectric Type	Teflon

#### Connector 2

Type	N 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: [SMA Male to N Male Adapter PE9080](#)

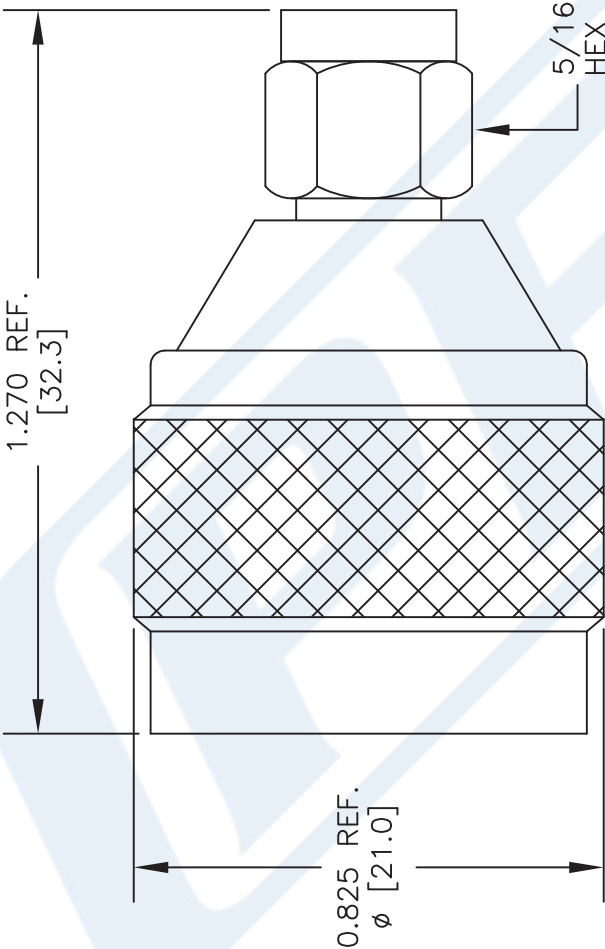
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06/18/2012

- Values at +25 °C, sea level

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.

PE9080 CAD Drawing  
SMA Male to N Male 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  
**PE9080**

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REV. B

FSCM NO. 53919

CAD FILE 071012

SCALE N/A

SIZE A

2233