



## SMA Male to SMA Male Right Angle Adapter

### TECHNICAL DATA SHEET

PE9418

#### SMA Male to SMA Male Right Angle Adapter

##### Configuration

Connector 1	SMA Male
Connector Specification 1	MIL-STD-348A
Connector 2	SMA Male
Connector Specification 2	MIL-STD-348A
Adapter Design	Standard
Body Style	Right Angle

##### Electrical Specifications

Frequency Range, GHz	DC to 12.4
Impedance, Ohms	50
Maximum VSWR	1.5:1
Maximum Operating Voltage, Volts	500
Dielectric Withstanding Voltage, Vrms	1,000

##### Mechanical Specifications

###### Temperature

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

Length, in [mm]	0.77 [19.56]
Width/Dia., in [mm]	0.315 [8]
Height, in [mm]	0.69 [17.53]
Dielectric Type	Teflon

###### Connector 1

Type	SMA Male
Inner Conductor Material and Plating	Brass, Gold
Inner Conductor Plating Specification	50µ in. minimum
Coupling Nut Material and Plating	Stainless Steel, Passivated
Hex Size, in	5/16
Torque, in-lbs [Nm]	8 [0.9]
Body Material and Plating	Stainless Steel, Passivated

###### Connector 2

Type	SMA Male
Inner Conductor Material and Plating	Brass, Gold
Inner Conductor Plating Specification	50µ in. minimum
Coupling Nut Material and Plating	Stainless Steel, Passivated
Hex Size, in	5/16
Torque, in-lbs [Nm]	8 [0.9]
Body Material and Plating	Stainless Steel, Passivated

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 SMA Male Right Angle Adapter PE9418](#)

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

RoHS Compliant

Yes

**Plotted and Other Data**

Notes:

Values at 25 °C, sea level

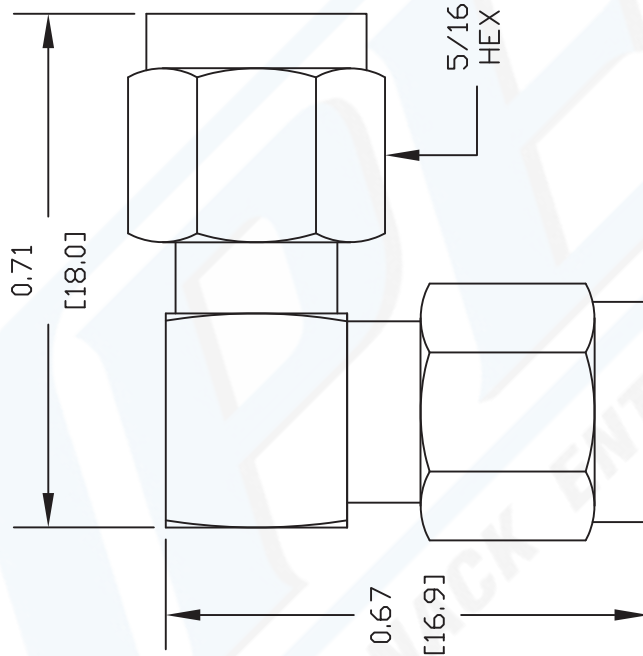
URL: <http://www.pasternack.com/sma-male-sma-male-right-angle-adapter-pe9418-p.aspx>

SMA Male to SMA Male Right Angle 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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# PE9418 CAD Drawing

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DWG TITLE

**PE9418**

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].

REV. -

FSCM NO. 53919

CAD FILE 092002

SCALE N/A

SIZE A

127



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