



## SMA Male to SMA Male Radius Right Angle Adapter

### TECHNICAL DATA SHEET

PE9273

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

##### Configuration

Connector 1	SMA Male
Impedance 1	50 Ohms
Connector Specification 1	MIL-STD-348A
Connector 2	SMA Male
Impedance 2	50 Ohms
Connector Specification 2	MIL-STD-348A
Adapter Design	Standard
Body Style	Radius Right Angle

##### Electrical Specifications

Frequency Range, GHz	DC to 18
Maximum VSWR	1.15:1
Maximum Insertion Loss, dB	1.45
Dielectric Withstanding Voltage, Vrms	1,000

##### Mechanical Specifications

###### Temperature

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

Length, in [mm]	0.73 [18.54]
Width/Dia., in [mm]	0.312 [7.92]
Height, in [mm]	0.73 [18.54]

###### Connector 1

Type	SMA Male
Inner Conductor Material and Plating	Beryllium Copper, Gold
Inner Conductor Plating Specification	ASTM B-196
Coupling Nut Material and Plating	Passivated Stainless Steel
Coupling Nut Plating Specification	ASTM-A-582
Hex Size, Inch	5/16
Torque, in-lbs [Nm]	15 [1.7]
Body Material and Plating	Passivated Stainless Steel
Body Plating Specification	MIL-T-8504
Dielectric Type	PTFE

###### Connector 2

Type	SMA Male
Inner Conductor Material and Plating	Beryllium Copper, Gold
Inner Conductor Plating Specification	ASTM B-196
Coupling Nut Material and Plating	Passivated Stainless Steel

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 Radius Right Angle Adapter PE9273](#)

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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Coupling Nut Plating Specification	ASTM-A-582
Hex Size, Inch	5/16
Torque, in-lbs [Nm]	15 [1.7]
Body Material and Plating	Passivated Stainless Steel
Body Plating Specification	MIL-T-8504
Dielectric Type	PTFE

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

RoHS Compliant	Yes
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**Plotted and Other Data**

Notes: Values at 25 °C, sea level

SMA Male to SMA Male Radius 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.

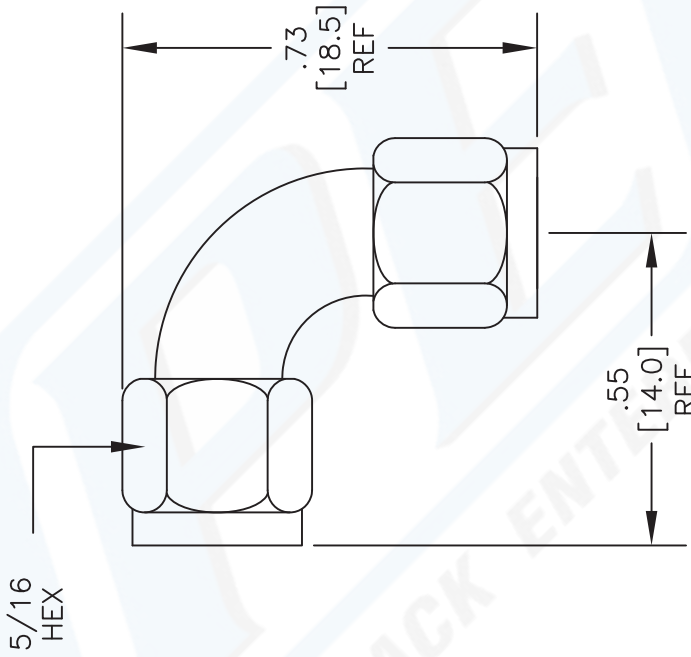
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URL: <http://www.pasternack.com/sma-male-sma-male-radius-right-angle-adapter-pe9273-p.aspx>

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# PE9273 CAD Drawing

SMA Male to SMA Male Radius Right Angle 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

**PE9273**

FSCM NO. 53919

CAD FILE 051313

SCALE N/A

SIZE A

XXXX



**PASTERNAK**

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