

## Precision SMA Female to SMA Female Radius Right Angle Adapter



### TECHNICAL DATA SHEET

**PE9643**

#### Precision SMA Female to SMA Female Radius Right Angle Adapter

##### Configuration

Connector 1	SMA Female
Impedance 1	50 Ohms
Connector Specification 1	MIL-STD-348
Connector 2	SMA Female
Impedance 2	50 Ohms
Connector Specification 2	MIL-STD-348
Adapter Design	Precision
Body Style	Radius Right Angle

##### Electrical Specifications

Frequency Range, GHz	DC to 26.5
Maximum VSWR	1.35:1

##### Mechanical Specifications

###### Size

Length, in [mm]	0.585 [14.86]
Width/Dia., in [mm]	0.585 [14.86]

###### Connector 1

Type	SMA Female
Inner Conductor Material and Plating	Beryllium Copper, Gold
Inner Conductor Plating Specification	MIL-G-45204, Type II, Class 2
Body Material and Plating	Passivated Stainless Steel
Body Plating Specification	QQ-P-35
Dielectric Type	Teflon

###### Connector 2

Type	SMA Female
Inner Conductor Material and Plating	Beryllium Copper, Gold
Inner Conductor Plating Specification	MIL-G-45204, Type II, Class 2
Body Material and Plating	Passivated Stainless Steel
Body Plating Specification	QQ-P-35
Dielectric Type	Teflon

##### 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: [Precision SMA Female to SMA Female Radius Right Angle Adapter PE9643](#)

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/sma-female-sma-female-right-angle-adapter-pe9643-p.aspx>

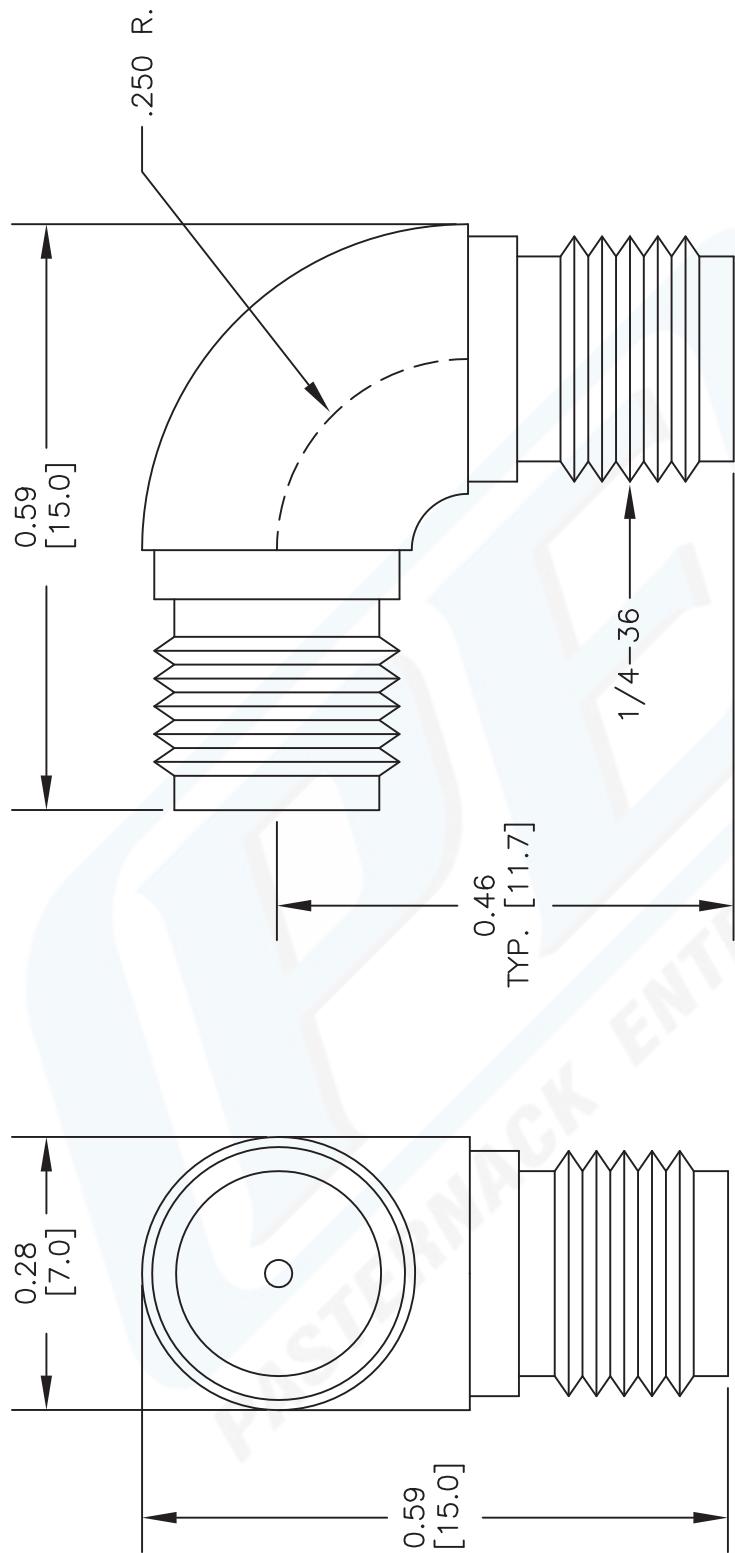
Precision SMA Female to SMA Female Radius Right Angle Adapter from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

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# PE9643 CAD Drawing

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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	PE9643	SCALE N/A	SIZE A	2233
FSCM NO.	53919	CAD FILE	092112-B	

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