



SMA Male to SMA Male Radius Right Angle Adapter MIL-STD-202

TECHNICAL DATA SHEET

PE91327

**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	DC to 18 GHz
Maximum VSWR	1.25:1
Maximum Insertion Loss, dB	0.2
Maximum Operating Voltage, Vrms	335
Dielectric Withstanding Voltage, Vrms	1,000

**Mechanical Specifications**

<b>Size</b>	
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-488
Coupling Nut Material and Plating	Passivated Stainless Steel
Coupling Nut Plating Specification	ASTM A-967
Hex Size, Inch	5/16
Torque, in-lbs [Nm]	15 [1.7]
Body Material and Plating	Passivated Stainless Steel
Body Plating Specification	ASTM A-967
Dielectric Type	PTFE

**Connector 2**

Type	SMA Male
Inner Conductor Material and Plating	Beryllium Copper, Gold
Inner Conductor Plating Specification	ASTM B-488
Coupling Nut Material and Plating	Passivated Stainless Steel
Coupling Nut Plating Specification	ASTM A-967
Hex Size, Inch	5/16
Torque, in-lbs [Nm]	15 [1.7]
Body Material and Plating	Passivated Stainless Steel
Body Plating Specification	ASTM A-967
Dielectric Type	PTFE

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 MIL-STD-202 PE91327](#)





## SMA Male to SMA Male Radius Right Angle Adapter MIL-STD-202

### TECHNICAL DATA SHEET

PE91327

#### Environmental Specifications

##### Temperature

Operating Range -65 to +165 deg C

Ingress Protection MIL-STD-202

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

RoHS Compliant

REACH Compliant 06/18/2012

#### Plotted and Other Data

Notes:

- Values at +25 °C, sea level

SMA Male to SMA Male Radius Right Angle Adapter MIL-STD-202 from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

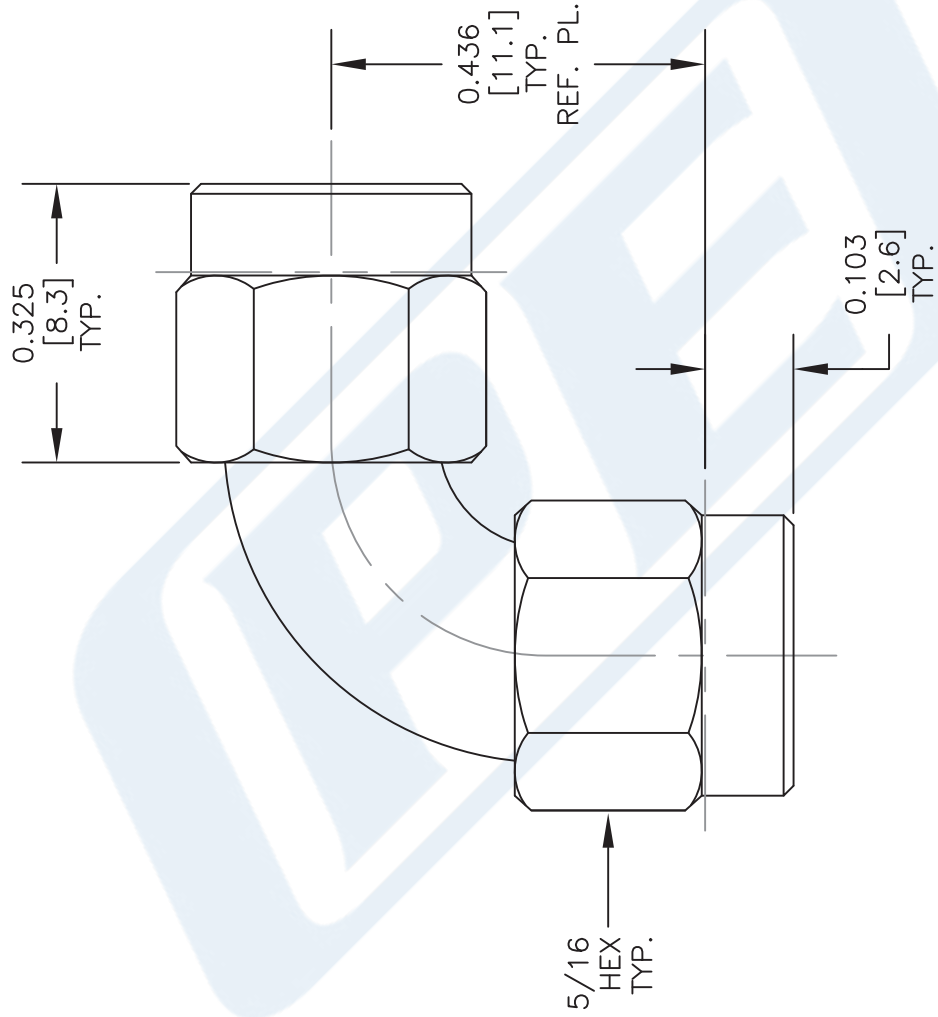
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Male to SMA Male Radius Right Angle Adapter MIL-STD-202 PE91327](http://www.pasternack.com/sma-male-sma-male-radius-right-angle-adapter-pe91327-p.aspx)

URL: <http://www.pasternack.com/sma-male-sma-male-radius-right-angle-adapter-pe91327-p.aspx>

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.

# PE91327 CAD Drawing

SMA Male to SMA Male Radius Right Angle Adapter MIL-STD-202



DWG TITLE

**PE91327**

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].

FSCM NO. 53919

CAD FILE 041715

SCALE N/A

SIZE A

2233

**PE PASTERNAK®**  
THE ENGINEER'S RF SOURCE

Pasternack Enterprises, Inc.  
P.O. Box 16759 | Irvine | CA | 92623  
Phone: (949) 261-1920 | Fax: (949) 261-7451  
Website: www.pasternack.com | E-Mail: sales@pasternack.com