



## SMA Female to SMA Female Radius Right Angle Adapter

### TECHNICAL DATA SHEET

PE91325

#### 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        |
| Body Style                | Radius Right Angle |

#### Electrical Specifications

|                                       |              |
|---------------------------------------|--------------|
| Frequency Range                       | DC to 18 GHz |
| Maximum VSWR                          | 1.25:1       |
| Maximum Insertion Loss, dB            | 0.2          |
| Dielectric Withstanding Voltage, Vrms | 1,000        |

#### Mechanical Specifications

##### Size

|                     |               |
|---------------------|---------------|
| Length, in [mm]     | 0.585 [14.86] |
| Width/Dia., in [mm] | 0.26 [6.6]    |
| Height, in [mm]     | 0.585 [14.86] |

##### Connector 1

|                                       |                            |
|---------------------------------------|----------------------------|
| Type                                  | SMA Female                 |
| Mating Cycles                         | 500                        |
| Inner Conductor Material and Plating  | Beryllium Copper, Gold     |
| Inner Conductor Plating Specification | 50µ in. minimum            |
| Body Material and Plating             | Passivated Stainless Steel |
| Dielectric Type                       | PTFE                       |

##### Connector 2

|                                       |                            |
|---------------------------------------|----------------------------|
| Type                                  | SMA Female                 |
| Mating Cycles                         | 500                        |
| Inner Conductor Material and Plating  | Beryllium Copper, Gold     |
| Inner Conductor Plating Specification | 50µ in. minimum            |
| Body Material and Plating             | Passivated Stainless Steel |
| Dielectric Type                       | PTFE                       |

#### Environmental Specifications

##### Temperature

|                 |                   |
|-----------------|-------------------|
| Operating Range | -65 to +165 deg C |
|-----------------|-------------------|

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

Not RoHS Compliant

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Female to SMA Female Radius Right Angle Adapter PE91325](#)



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#### Plotted and Other Data

Notes:

- Values at +25 °C, sea level

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 millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

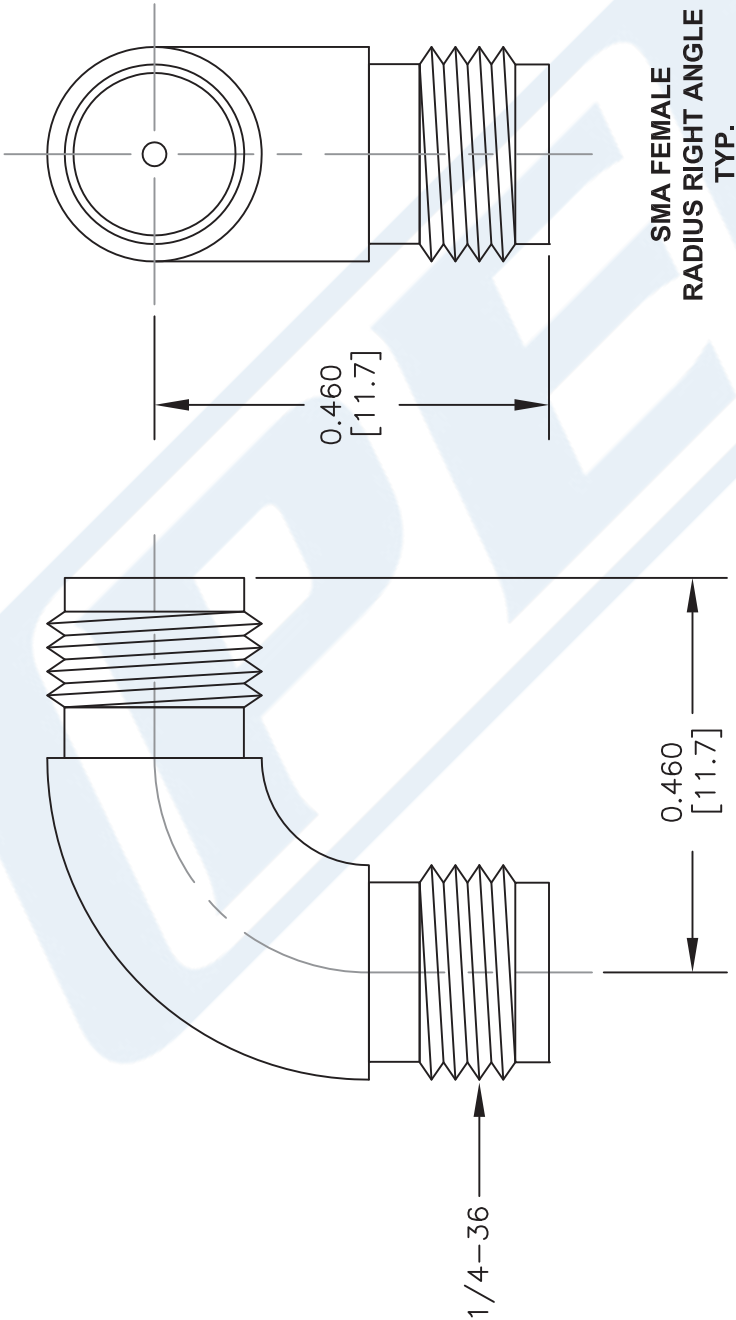
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Female to SMA Female Radius Right Angle Adapter PE91325](#)

URL: <http://www.pasternack.com/sma-female-sma-female-radius-right-angle-adapter-pe91325-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.

PE91325 CAD Drawing

SMA Female to SMA Female 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  
**PE91325**

FSCM NO. 53919

CAD FILE 022015

SCALE N/A

SIZE A

2233

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