



SMA Male to SMA Female Radius Right
Angle Adapter Gold Plated

TECHNICAL DATA SHEET

PE91155

Configuration

| | |
|---------------------------|--------------------|
| Connector 1 | SMA Male |
| 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 | Standard |
| Body Style | Radius Right Angle |

Electrical Specifications

| | |
|---------------------------------------|----------|
| Frequency Range, GHz | DC to 18 |
| Maximum VSWR | 1.25:1 |
| Maximum Operating Voltage, Volts | 335 |
| Dielectric Withstanding Voltage, Vrms | 1,500 |

Mechanical Specifications

Temperature

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

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 | Stainless Steel, Gold |
| Coupling Nut Plating Specification | ASTM B-488 |
| Hex Size, Inch | 5/16 |
| Torque, in-lbs [Nm] | 8 [0.9] |
| Body Material and Plating | Stainless Steel, Gold |
| Body Plating Specification | ASTM B-488 |
| Dielectric Type | PTFE |

Connector 2

| | |
|---------------------------------------|------------------------|
| Type | SMA Female |
| Inner Conductor Material and Plating | Beryllium Copper, Gold |
| Inner Conductor Plating Specification | ASTM B-488 |
| Outer Conductor Material and Plating | Stainless Steel, Gold |
| Outer Conductor Plating Specification | ASTM B-488 |
| Body Material and Plating | Stainless Steel, Gold |
| Body Plating Specification | ASTM B-488 |
| Dielectric Type | PTFE |

Compliance Certifications (visit www.Pasternack.com for current document)

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 Male to SMA Female Radius Right Angle Adapter Gold Plated PE91155](#)



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Plotted and Other Data

Notes:

- Values at +25 °C, sea level

SMA Male to SMA Female Radius Right Angle Adapter Gold Plated 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.

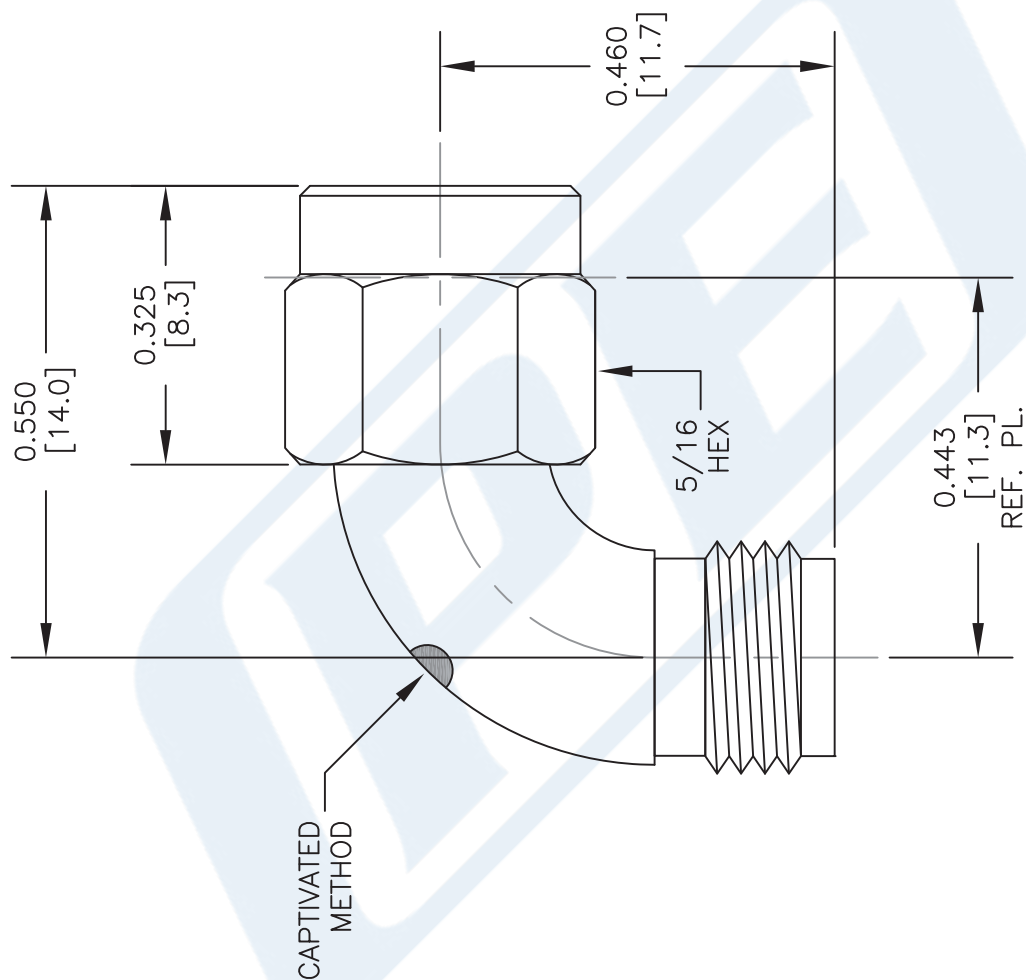
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The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. 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.

PE91155 CAD Drawing

SMA Male to SMA Female Radius Right Angle Adapter Gold Plated



DWG TITLE

PE91155

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 021814

SCALE N/A

SIZE A

2233



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