PASTERNACK®
THE ENGINEER'S RF SOURCE



Precision SMA Male to SMA Female Swept Right Angle Adapter Functional Up to 18 GHz

RF Adapters Technical Data Sheet PE91225

Configuration

Connector 1	SMA Male
Connector 2	SMA Female
Impedance	50 Ohms
Adapter Design	Precision
Body Style	Swept Right Angle

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		18	GHz
VSWR			1.25:1	

Mechanical Specifications

Size

Length	0.78 in [19.81 mm]
Width	0.78 in [19.81 mm]
Height	0.312 in [7.92 mm]

Description	Connector 1	Connector 2
Type	SMA Male	SMA Female
Polarity	Standard	Standard
Interface Specification	MIL-C-39012	MIL-C-39012
Hex Size	5/16 Inch	
Mating Torque, Max	8 in-lbs [0.9 Nm]	

Material Specifications

	Connector 1		Connector 2	
Description	Material	Plating	Material	Plating
Type	SMA Male		SMA Female	
Contact	Beryllium Copper	Gold ASTM-B196	Beryllium Copper	Gold
Outer Conductor	Passivated Stainless Steel ASTM-A582, Alloy 303, Cond A			
Body	Passivated Stainless Steel ASTM-A582, Alloy 303, Cond A		Passivated Stainless Steel ASTM-A582, Alloy 303, Cond A	
Coupling Nut	Passivated Stainless Steel ASTM-A582, Alloy 303, Cond A			

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Precision SMA Male to SMA Female Swept Right Angle Adapter Functional Up to 18 GHz PE91225

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
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Environmental Specifications

Temperature

Operating Range	-65 to 125 deg C

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

RoHS Compliant

Plotted and Other Data

Notes:

Precision SMA Male to SMA Female Swept Right Angle Adapter Functional Up to 18 GHz 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: Precision SMA Male to SMA Female Swept Right Angle Adapter Functional Up to 18 GHz PE91225

URL: http://www.pasternack.com/sma-male-sma-female-swept-right-angle-adapter-pe91225-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.

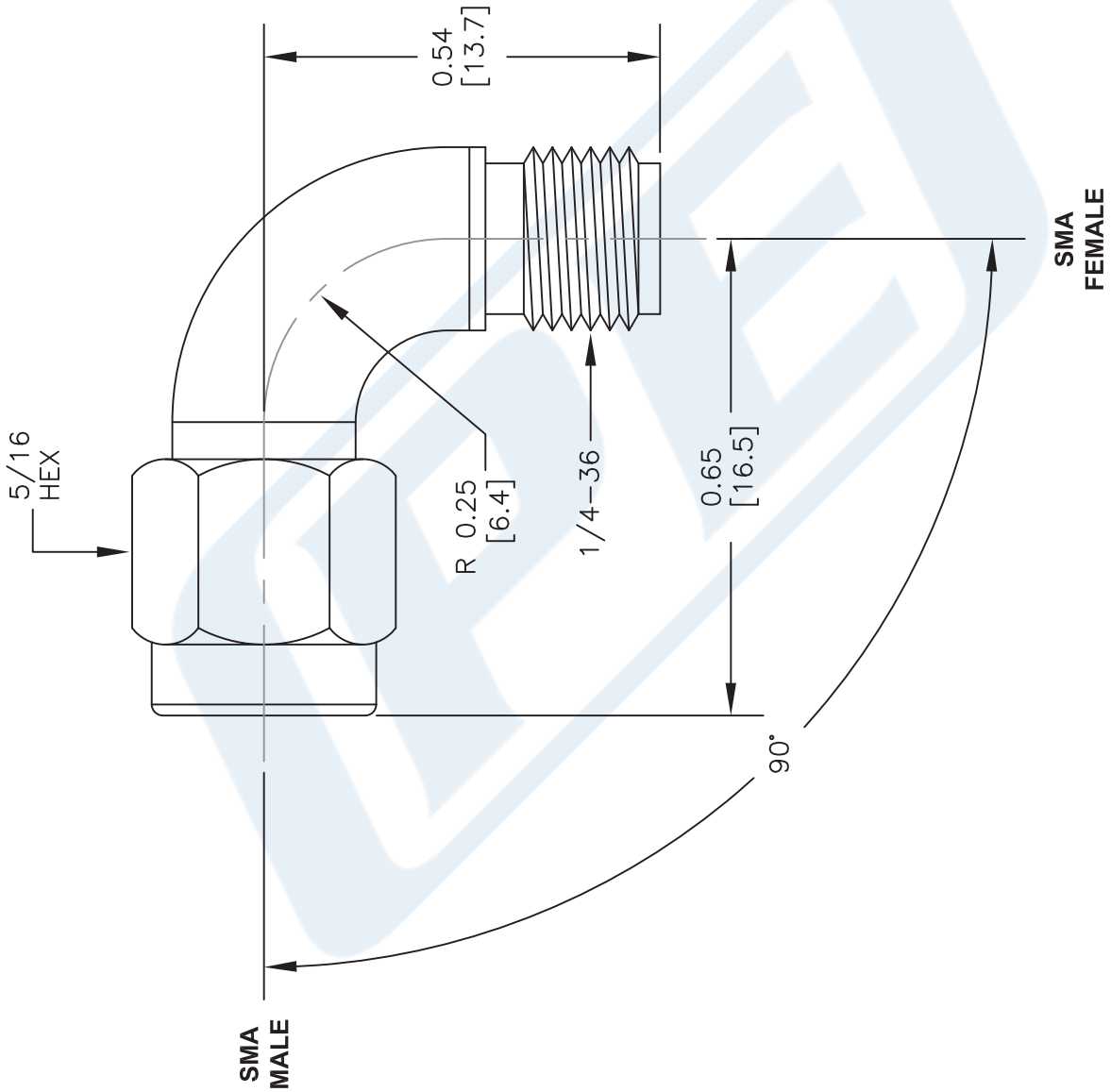
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PE91225 CAD Drawing

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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 **PE91225**

CAD FILE 051414 | SCALE N/A | SIZE A | 150

FSCM NO. 53919

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