



Precision SMA Male to SMA Male Right Angle Adapter

TECHNICAL DATA SHEET

PE9642

Precision SMA Male to SMA Male Right Angle Adapter
Configuration

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

Electrical Specifications

Frequency Range, GHz	DC to 27
Maximum VSWR	1.35:1
Maximum Insertion Loss, dB	0.26

Mechanical Specifications
Temperature

Operating Range, deg C	-55 to +100
------------------------	-------------

Size

Length, in [mm]	0.7 [17.78]
Width/Dia., in [mm]	0.312 [7.92]
Height, in [mm]	0.67 [17.02]

Connector 1

Type	SMA Male
Mating Cycles	500
Inner Conductor Material and Plating	Beryllium Copper, Gold
Inner Conductor Plating Specification	MIL-G-45204, Type II, Class 1
Coupling Nut Material and Plating	Passivated Stainless Steel
Coupling Nut Plating Specification	ASTM A380
Hex Size, Inch	5/16
Torque, in-lbs [Nm]	8 [0.9]
Body Material and Plating	Passivated Stainless Steel
Body Plating Specification	ASTM A380
Dielectric Type	PTFE

Connector 2

Type	SMA Male
Mating Cycles	500
Inner Conductor Material and Plating	Beryllium Copper, Gold
Inner Conductor Plating Specification	MIL-G-45204, Type II, Class 1
Coupling Nut Material and Plating	Passivated Stainless Steel
Coupling Nut Plating Specification	ASTM A380

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 Male Right Angle Adapter PE9642](#)

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.



Precision SMA Male to SMA Male Right Angle Adapter

TECHNICAL DATA SHEET

PE9642

Hex Size, Inch	5/16
Torque, in-lbs [Nm]	8 [0.9]
Body Material and Plating	Passivated Stainless Steel
Body Plating Specification	ASTM A380
Dielectric Type	PTFE

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

Plotted and Other Data

Notes: Values at 25 °C, sea level

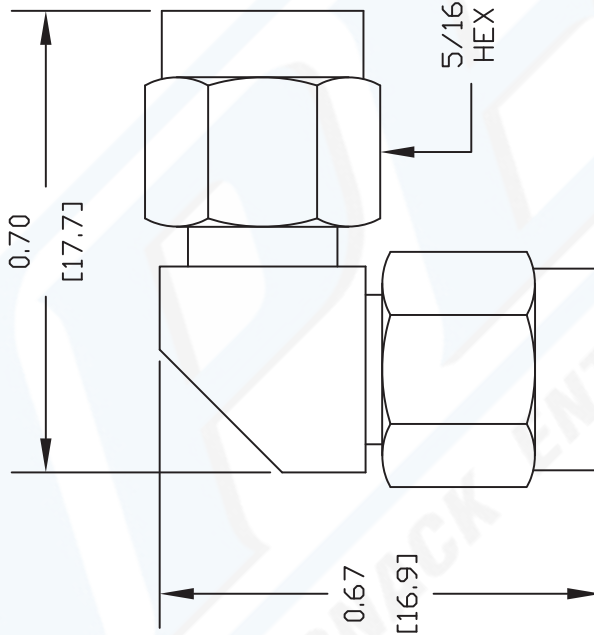
URL: <http://www.pasternack.com/sma-male-sma-male-right-angle-adapter-pe9642-p.aspx>

Precision SMA Male to SMA Male 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.

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.

PE9642 CAD Drawing

Precision SMA Male to SMA Male 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
PE9642

PASTERNAK ENTERPRISES, INC.
P.O BOX 16759, IRVINE, CA 92623
PHONE (949) 261-1920 FAX (949) 261-7451
WEB ADDRESS: www.pasternack.com
E-MAIL ADDRESS: sales@pasternack.com
COAXIAL & FIBER OPTICS



REV. -	FSCM NO. 53919	CAD FILE 081604	SCALE N/A	SIZE A	127
--------	----------------	-----------------	-----------	--------	-----