



## SMA Female to SSMA Male Adapter

### TECHNICAL DATA SHEET

PE9188

#### SMA Female to SSMA Male Adapter

##### Configuration

Connector 1	SMA Female
Impedance 1	50 Ohms
Connector Specification 1	MIL-STD-348A
Connector 2	SSMA Male
Impedance 2	50 Ohms
Connector Specification 2	MIL-STD-348A
Adapter Design	Standard
Body Style	Straight

##### Electrical Specifications

Frequency Range, GHz	DC to 18
Maximum VSWR	1.3:1
Maximum Operating Voltage, Volts	250

##### Mechanical Specifications

###### Temperature

Operating Range, deg C	-65 to +165
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###### Size

Length, in [mm]	0.805 [20.45]
Width/Dia., in [mm]	0.25 [6.35]

##### Connector 1

Type	SMA Female
Inner Conductor Material and Plating	Beryllium Copper, Gold
Inner Conductor Plating Specification	30µ in. minimum
Body Material and Plating	Passivated Stainless Steel
Dielectric Type	Teflon

##### Connector 2

Type	SSMA Male
Inner Conductor Material and Plating	Beryllium Copper, Gold
Inner Conductor Plating Specification	30µ in. minimum
Coupling Nut Material and Plating	Passivated Stainless Steel
Hex Size, in	1/4
Torque, in-lbs [Nm]	2 [0.23]
Body Material and Plating	Passivated Stainless Steel
Dielectric Type	Teflon

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 SSMA Male Adapter PE9188](#)

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.



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

RoHS Compliant

Yes

REACH Compliant

06/18/2012

#### Plotted and Other Data

Notes:

Values at 25 °C, sea level

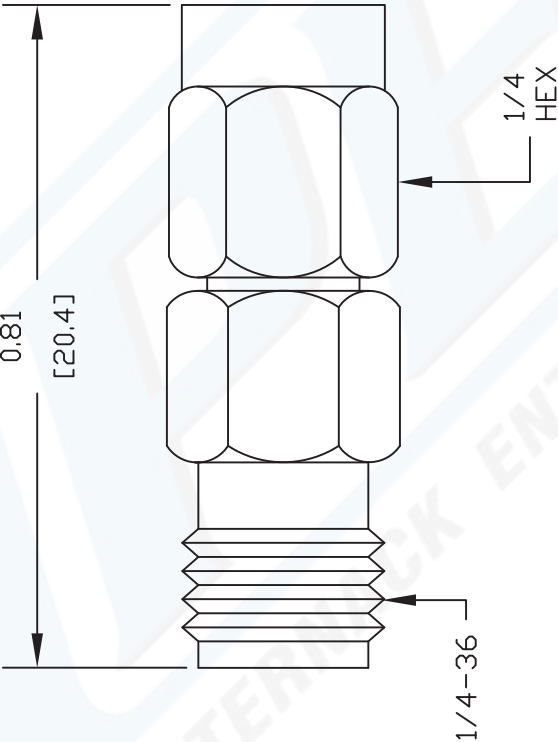
SMA Female to SSMA Male Adapter from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

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 SSMA Male Adapter PE9188](http://www.pasternack.com/sma-female-ssma-male-straight-adapter-pe9188-p.aspx)

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PE9188 CAD Drawing  
SMA Female to SSMA Male 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

PE9188

REV. A

FSCM NO. 53919

CAD FILE 072612

SCALE N/A

SIZE A

2231



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