



## Precision SMA Female to SMP Male Adapter Smooth Bore

### TECHNICAL DATA SHEET

PE91049

#### Precision SMA Female to SMP Male Adapter Smooth Bore

##### Configuration

Connector 1	SMA Female
Impedance 1	50 Ohms
Connector Specification 1	MIL-STD-348
Connector 2	SMP Male
Impedance 2	50 Ohms
Connector Specification 2	DESC94007
Adapter Design	Precision
Body Style	Straight

##### Electrical Specifications

Frequency Range, GHz	DC to 26.5
Maximum VSWR	1.2:1

##### Mechanical Specifications

###### Temperature

Operating Range, deg C	-55 to +125
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###### Size

Length, in [mm]	0.78 [19.81]
Width/Dia., in [mm]	0.278 [7.06]

##### Connector 1

Type	SMA Female
Mating Cycles	1,000
Inner Conductor Material and Plating	Beryllium Copper, Gold
Outer Conductor Material and Plating	Passivated Stainless Steel
Outer Conductor Plating Specification	AMS-QQ-P-35
Body Plating Specification	AMS-QQ-P-35
Dielectric Type	PTFE

##### Connector 2

Type	SMP Male
Mating Cycles	1,000
Inner Conductor Material and Plating	Beryllium Copper, Gold
Inner Conductor Plating Specification	MIL-G-45204, Type I, Grade 1, Class A
Outer Conductor Material and Plating	Passivated Stainless Steel
Body Material and Plating	Passivated Stainless Steel
Body Plating Specification	AMS-QQ-P-35
Dielectric Type	PTFE

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Precision SMA Female to SMP Male Adapter Smooth Bore PE91049](#)

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

**Plotted and Other Data**

Notes:

Values at 25 °C, sea level

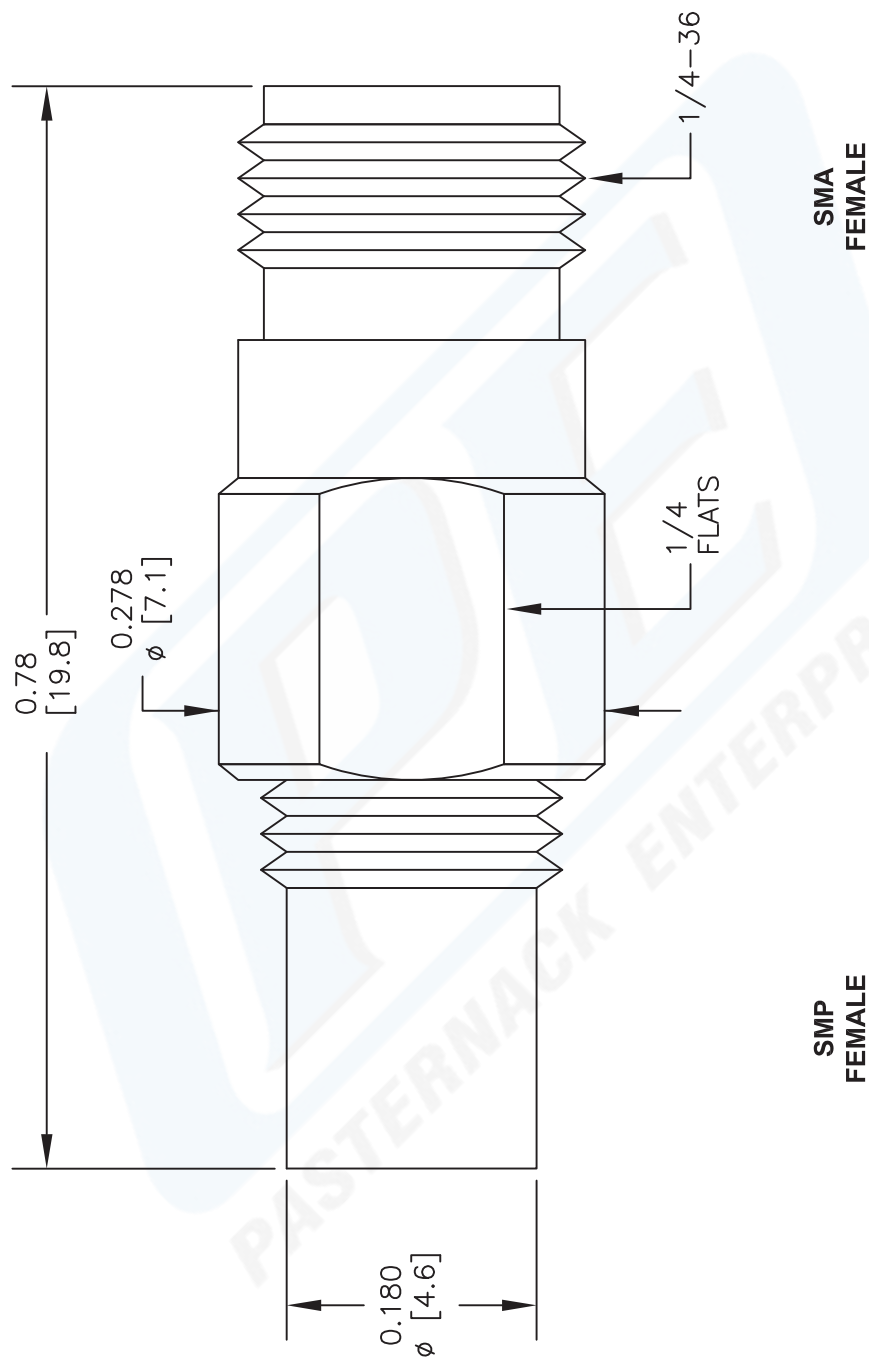
Precision SMA Female to SMP Male Adapter Smooth Bore from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Precision SMA Female to SMP Male Adapter Smooth Bore PE91049](http://www.pasternack.com/sma-female-smp-male-straight-adapter-pe91049-p.aspx)

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PE91049 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  
**PE91049**

FSCM NO. 53919

2233

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