



## Precision 2.92mm Female to SMP Female Adapter

### TECHNICAL DATA SHEET

PE91060

#### Configuration

Connector 1	2.92mm Female
Impedance 1	50 Ohms
Connector Specification 1	MIL-STD-348
Connector 2	SMP Female
Impedance 2	50 Ohms
Connector Specification 2	DESC94007
Adapter Design	Precision
Body Style	Straight

#### Electrical Specifications

Frequency Range	DC to 40 GHz
Maximum VSWR	1.25:1

#### Mechanical Specifications

Size	
Length, in [mm]	0.771 [19.58]
Width/Dia., in [mm]	0.25 [6.35]

#### Connector 1

Type	2.92mm Female
Inner Conductor Material and Plating	Beryllium Copper, Gold
Inner Conductor Plating Specification	MIL-G-45204, Type I, Grade 1, Class I
Body Material and Plating	Beryllium Copper, Gold
Body Plating Specification	MIL-G-45204, Type I, Grade 1, Class I
Dielectric Type	PTFE

#### Connector 2

Type	SMP Female
Inner Conductor Material and Plating	Beryllium Copper, Gold
Inner Conductor Plating Specification	MIL-G-45204, Type I, Grade 1, Class I
Body Material and Plating	Beryllium Copper, Gold
Body Plating Specification	MIL-G-45204, Type I, Grade 1, Class I
Dielectric Type	PTFE

#### Environmental Specifications

Temperature	
Operating Range	-55 to +125 deg C

#### Compliance Certifications

 (visit [www.Pasternack.com](http://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: [Precision 2.92mm Female to SMP Female Adapter PE91060](#)



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**Plotted and Other Data**

## Notes:

- Values at +25 °C, sea level

Precision 2.92mm Female to SMP Female Adapter 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 2.92mm Female to SMP Female Adapter PE91060](#)

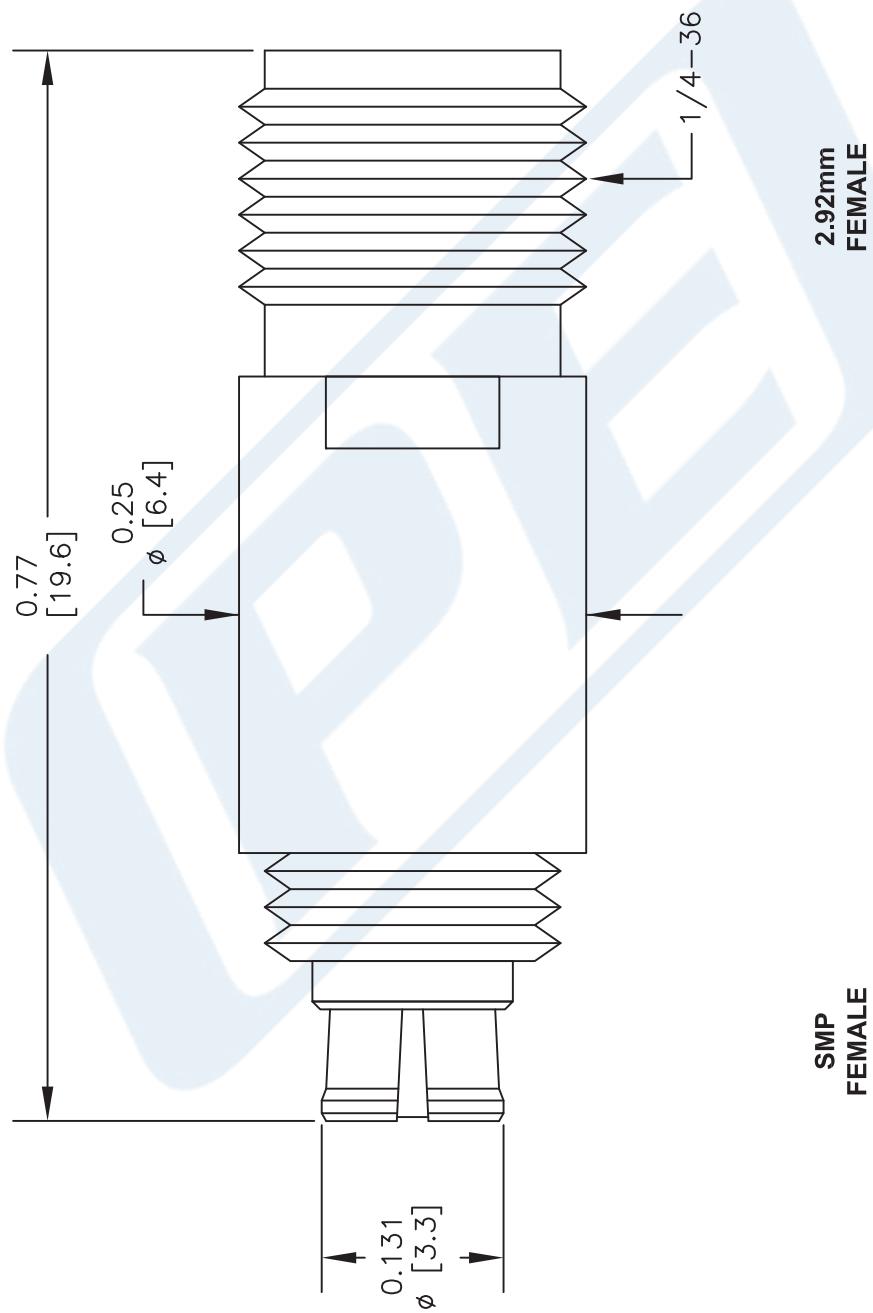
URL: <http://www.pasternack.com/2.92mm-female-smp-female-straight-adapter-pe91060-p.aspx>

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.



# PE91060 CAD Drawing

Precision 2.92mm Female to SMP Female 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  
**PE91060**

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FSM NO.	CAD FILE	SCALE N/A	SIZE A	2233
53919	020813			