

Precision SMP Female to SMP Female Adapter



TECHNICAL DATA SHEET

PE91065

Precision SMP Female to SMP Female Adapter

Configuration

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

Electrical Specifications

Frequency Range, GHz	DC to 40
Maximum VSWR	1.2:1
Maximum Insertion Loss, dB	0.43
Dielectric Withstanding Voltage, Vrms	500

Frequency 1

Frequency, GHz	DC to 26.5
VSWR	1.2:1

Mechanical Specifications

Temperature

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

Size

Length, in [mm]	0.254 [6.45]
Width/Dia., in [mm]	0.131 [3.33]

Connector 1

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

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Precision SMP Female to SMP Female Adapter PE91065](#)

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 SMP Female to SMP Female Adapter

TECHNICAL DATA SHEET**PE91065**

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

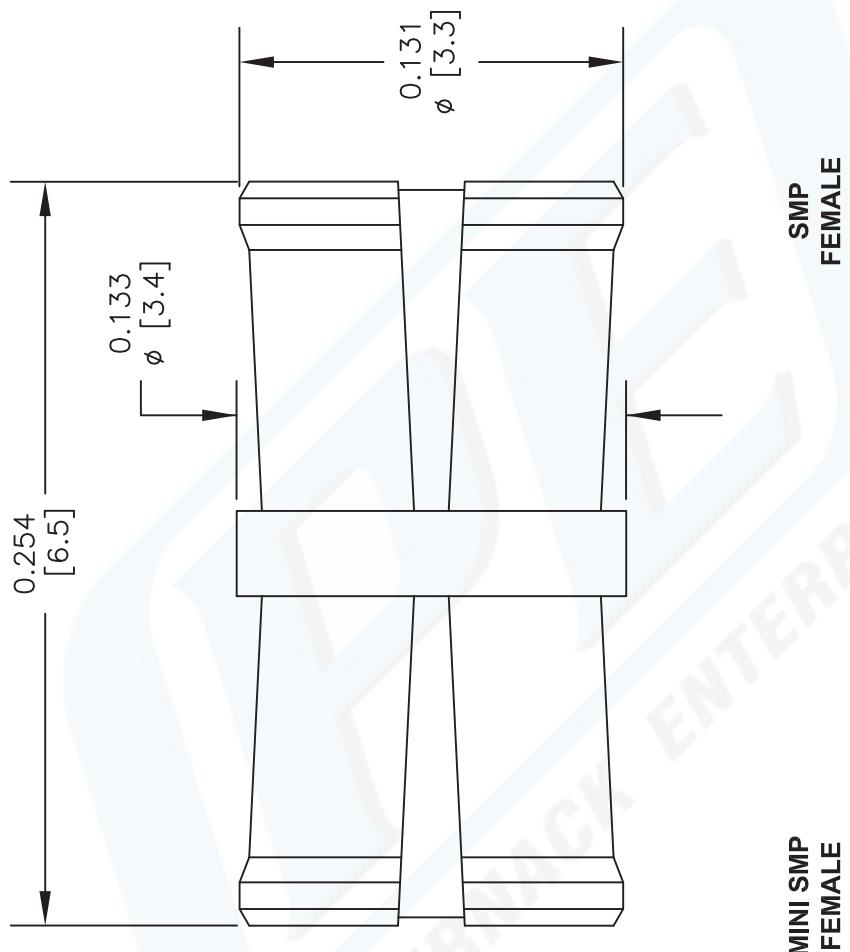
URL: <http://www.pasternack.com/smp-female-smp-female-straight-adapter-pe91065-p.aspx>

Precision SMP Female to SMP Female 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.



PE91065 CAD Drawing
Precision SMP 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].			
PASTERNAK Pasternack Enterprises, Inc. P.O. Box 16759 Irvine CA 92623 Phone: (949) 261-1920 Fax: (949) 261-7451 Website: www.pasternack.com E-Mail: sales@pasternack.com	DWG TITLE PE91065	FSCM NO. 53919 CAD FILE 020813 SCALE N/A SIZE A	2233