



## SMP Female to SMP Female Adapter 19.5mm Long Bullet

### TECHNICAL DATA SHEET

PE9775

#### SMP Female to SMP Female Adapter 19.5mm Long Bullet

##### Configuration

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

##### Electrical Specifications

Frequency Range, GHz	DC to 26.5
Maximum Operating Voltage, Volts	335
Dielectric Withstanding Voltage, Vrms	500

##### Frequency 1

Frequency, GHz	DC to 4
VSWR	1.07:1
Return Loss, dB	30
Insertion Loss, dB	0.2

##### Frequency 2

Frequency, GHz	4 to 12
VSWR	1.22:1
Return Loss, dB	20
Insertion Loss, dB	0.35

##### Frequency 3

Frequency, GHz	12 to 18
VSWR	1.43:1
Return Loss, dB	15
Insertion Loss, dB	0.42

##### Mechanical Specifications

###### Temperature

Operating Range, deg C	-65 to +155
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###### Size

Length, in [mm]	0.77 [19.56]
Width/Dia., in [mm]	0.14 [3.56]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMP Female to SMP Female Adapter 19.5mm Long Bullet PE9775](#)

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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**Connector 1**

Type	SMP Female
Inner Conductor Material and Plating	Beryllium Copper, Gold
Body Material and Plating	Beryllium Copper, Gold
Dielectric Type	PTFE

**Connector 2**

Type	SMP Female
Inner Conductor Material and Plating	Beryllium Copper, Gold
Body Material and Plating	Beryllium Copper, Gold
Dielectric Type	PTFE

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

RoHS Compliant	Yes
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**Plotted and Other Data**

Notes:	Values at 25 °C, sea level
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URL: <http://www.pasternack.com/smp-female-smp-female-straight-adapter-pe9775-p.aspx>

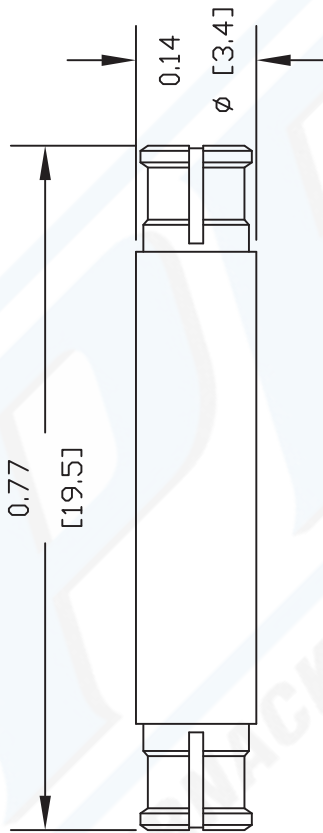
SMP Female to SMP Female Adapter 19.5mm Long Bullet from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

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# PE9775 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

**PE9775**

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



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SIZE A

SCALE N/A

CAD FILE 090309

FSCM NO. 53919

REV. B