

### Precision SMA Female to SMA Female Bulkhead Mount Adapter, With O-Ring

#### **PE9620**

#### Configuration

- SMA Female Connector 1
- SMA Female Connector 2
- 50 Ohms Impedance

#### **Features**

- Max VSWR of 1.2:1 up to 26.5 GHz
- SMA interface compliant with MIL-STD-348
- · Gold Plated Beryllium Copper Contact

#### **Applications**

- · General Purpose Test
- · Rack Mounted Equipment
- · Precision Test & Measurement

- · Precision Design
- Straight Body Geometry
- · Bulkhead Mount Method
- Max VSWR of 1.15:1 up to 18 GHz

#### **Description**

Pasternack's PE9620 SMA female to SMA female bulkhead adapter is part of our full line of RF components available for same-day shipping. The SMA connector mates mechanically with commercially available 3.5mm and 2.92mm (K) connectors. Our SMA to SMA adapter has a female to female gender configuration in a precision design. PE9620 SMA female to SMA female adapter operates to 26.5 GHz. The Pasternack RF adapter provides excellent VSWR of 1.2:1 maximum. This RF SMA to SMA bulkhead adapter allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

RF adapters are often used to enable connections between two connector types that would otherwise not mate. Certain adapter configurations can also be used to protect connectors on expensive equipment where the number of connect/disconnect cycles is high. An RF, microwave or millimeter wave adapter is connected to the equipment, and the commonly changed connection is made with the adapter which can be easily replaced when it wears out after high usage; such adapters are referred to as connector savers. Pasternack also offers bulkhead, panel mount, hermetically sealed, reverse polarity, and isolated ground adapter varieties to serve all of your RF, microwave and millimeter wave needs.

#### **Electrical Specifications**

Description	Minimum	Minimum Typical		Units
Frequency Range	DC		26.5	GHz
Impedance		50		Ohms
VSWR			1.2:1	

#### **Performance by Frequency**

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 18	18 to 26.5				GHz
VSWR, Max	1.15:1	1.2:1				

#### **Mechanical Specifications**

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Length 0.88 in [22.23 mm] Width 0.31 in [7.92 mm] Height 0.31 in [7.92 mm]



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Weight 0.01 lbs [4.67 g]

Description	Connector 1	Connector 2	
Polarity	Standard	Standard	
Interface Specification	MIL-STD-348	MIL-STD-348	

#### **Material Specifications**

	Connector 1		Connector 2	
Description	Material	Plating	Material	Plating
Туре	SMA Female		SMA Female	
Contact	Beryllium Copper	Gold	Beryllium Copper	Gold
Insulation	PTFE		PTFE	
Outer Conductor	Passivated Stainless Steel		Passivated Stainless Steel	

#### **Environmental Specifications**

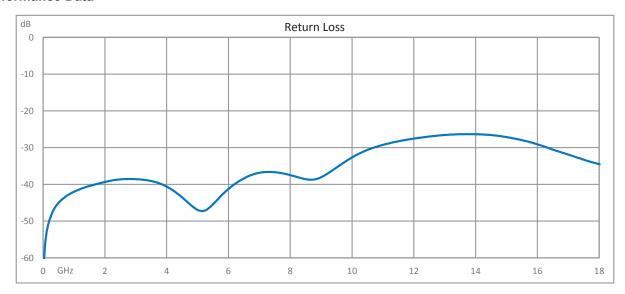
**Temperature** 

Operating Range -55 to +125 °C

Compliance Certifications (see product page for current document)

#### **Plotted and Other Data**

#### **Typical Performance Data**





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#### **PE9620**

Precision SMA Female to SMA Female Bulkhead Mount Adapter, With O-Ring from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% 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 SMA Female Bulkhead Mount Adapter, With O-Ring PE9620

URL: https://www.pasternack.com/sma-female-sma-female-straight-adapter-pe9620-p.aspx

The information contained within 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 impliment improvements. Pasternack Enterprises reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack Enterprises does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack Enterprises does not assume liability arising out of the use of any part or document.

