

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
- Precision Design
- Straight Body Geometry
- Bulkhead Mount Method

Features

- Max VSWR of 1.2:1 up to 26.5 GHz
- SMA interface compliant with MIL-STD-348
- Gold Plated Beryllium Copper Contact
- Max VSWR of 1.15:1 up to 18 GHz

Applications

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

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	Typical	Maximum	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

Size

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

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	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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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](https://www.pasternack.com/sma-female-sma-female-straight-adapter-pe9620-p.aspx)

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PE9620 CAD Drawing
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