

SMA Female to SMA Female Bulkhead Adapter



RF Adapters Technical Data Sheet

PE9508

Configuration

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

- Straight Body Geometry
- Bulkhead Mount Method

Features

- Max VSWR of 1.3:1 up to 26.5 GHz
- SMA Interface compliant with MIL-STD-348
- Gold Plated Beryllium Copper Contact

Applications

General Purpose Test

Rack Mounted Equipment

Description

Pasternack's PE9508 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. PE9508 SMA female to SMA female adapter operates to 26.5 GHz. The Pasternack RF adapter provides good VSWR of 1.3:1 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
VSWR			1.3:1	

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	1.3:1				

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMA Female to SMA Female Bulkhead Adapter PE9508





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Mechanical Specifications

Size

 Length
 0.88 in [22.35 mm]

 Width
 0.478 in [12.14 mm]

 Weight
 0.01 lbs [4.54 g]

Connector 1	Connector 2
SMA Female	SMA Female
Standard	Standard
MIL-STD-348	MIL-STD-348
	SMA Female Standard

Material Specifications

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

Environmental Specifications

Temperature

Operating Range -55 to +125 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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SMA Female to SMA Female Bulkhead 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: SMA Female to SMA Female Bulkhead Adapter PE9508

URL: https://www.pasternack.com/sma-female-sma-female-straight-adapter-pe9508-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.

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PE9508 CAD Drawing

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