

BMMA Male to SMA Female Bulkhead Mount Adapter



PE910003

Configuration

- BMMA Male Connector 1
- SMA Female Connector 2
- 50 Ohms Impedance
- Straight Body Geometry
- Bulkhead Mount Method

Features

- Max VSWR of 1.3:1 up to 18 GHz
- Gold Plated Beryllium Copper Contact

Applications

- Allows Connection Between Series
- Rack Mounted Equipment
- General Purpose Test

Description

Pasternack's PE910003 BMMA male to SMA female bulkhead adapter is part of our full line of RF components available for same-day shipping. Our BMMA to SMA adapter has a male to female gender configuration built of durable stainless steel. PE910003 BMMA male to SMA female adapter operates to 18 GHz. This BMMA to SMA adapter allows for easier connections in tight spaces. This RF BMMA 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		18	GHz
Impedance		50		Ohms
VSWR			1.3:1	
Insertion Loss			0.424	dB

Mechanical Specifications

Size

Length	0.76 in [19.30 mm]
Width	0.31 in [7.80 mm]
Height	0.31 in [7.80 mm]
Weight	0.05 lbs [22.68 g]

Description	Connector 1	Connector 2
Mating Cycles, Min	500	

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Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	BMMA Male		SMA Female	
Contact	Beryllium Copper	Gold	Beryllium Copper	Gold
Outer Conductor	Passivated Stainless Steel		Passivated Stainless Steel	
Body	Passivated Stainless Steel		Passivated Stainless Steel	

Environmental Specifications

Temperature

Operating Range -65 to +165 °C

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

BMMA Male to SMA Female Bulkhead Mount Adapter 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: [BMMA Male to SMA Female Bulkhead Mount Adapter PE910003](#)

URL: <https://www.pasternack.com/bmma-male-to-sma-female-bulkhead-mount-adapter-pe910003-p.aspx>

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