

## BMMA Female to SMA Male Adapter



**PE910004**

### Configuration

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

### Features

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

### Applications

- Allows Connection Between Series
- General Purpose Test

### Description

Pasternack's PE910004 BMMA female to SMA male adapter is part of our full line of RF components available for same-day shipping. Our BMMA to SMA adapter has a female to male gender configuration built of durable stainless steel. PE910004 BMMA female to SMA male adapter operates to 18 GHz. This BMMA to SMA adapter allows for easier connections in tight spaces.

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	0.69 in [17.48 mm]
Width	0.35 in [8.99 mm]
Height	0.35 in [8.99 mm]
Weight	0.01 lbs [4.54 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 Female		SMA Male	
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 Female to SMA Male 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 Female to SMA Male Adapter PE910004](#)

URL: <https://www.pasternack.com/bmma-female-to-sma-male-adapter-pe910004-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 implement 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.

PE910004 CAD Drawing
BMMA Female to SMA Male Adapter

