

Bulkhead Mount Slide-On BMA Plug to SMA Female Adapter



RF Adapters Technical Data Sheet

ET12132

Configuration

- Slide-On BMA Plug Connector 1
- SMA Female Connector 2
- 50 Ohm

- Straight Body Geometry
- Bulkhead Mount Method

Features

- Max VSWR of 1.15:1 up to 18 GHz
- 51.18µ in. minimum contact plating

- Gold Plated Beryllium Copper Contact
- Low-Engagement Force

Applications

- Allows Connection Between Series
- General Purpose Test
- Rack Mounted Equipment
- Blind Mating
- Rack and Panel
- Phased Array Systems
- Base Stations
- RF Backplanes
- Test I/O

Description

Ebeestock's ET12132 bulkhead slide-on BMA plug to SMA female adapter is part of our full line of RF components available for same-day shipping. Our BMA to SMA adapter has a plug to female gender configuration built of durable stainless steel. ET12132 BMA plug to SMA female adapter operates to 18 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.15:1 maximum. This RF BMA bulkhead to SMA 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. Ebeestock 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
VSWR			1.15:1	
Insertion Loss			0.38	dB
Operating Voltage (AC)			500	Vrms
Dielectric Withstanding Voltage (AC)			1,000	Vrms
Insulation Resistance	5,000			MOhms

Mechanical Specifications

Size

Length 0.76 in [19.3 mm] Width 0.43 in [10.92 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Bulkhead Mount Slide-On BMA Plug to SMA Female Adapter ET12132

8th Floor, Building 1, Yongfu Science and Technology Center Industrial Park, Nanzha District 5, Humen,523900, Dongguan, Guangdong, China.



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Weight 0.0132 lbs [5.99 g]

Description	Connector 1	Connector 2
Type	BMA Plug	SMA Female
Polarity	Standard	Standard
Mating Cycles	500	500
Contact Retention Force, Min	6.07 lbs [2.75 Kg]	

Material Specifications

	Connector 1		Connector 2		
Description	n Material	Plating	Material	Plating	
Туре	Slide-On BMA Plug		SMA Female		
Contact	Beryllium Copper	Gold	Beryllium Copper	Gold	
		51.18µ in. minimum		51.18µ in. minimum	
Insulation	PTFE		PTFE		
Body	Passivated Stainless Steel		Passivated Stainless Steel		
Gasket	Silicone Rubber				

Environmental Specifications Temperature

Operating Range

-65 to +165 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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Bulkhead Mount Slide-On BMA Plug to SMA Female Adapter from Ebeestock 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: Bulkhead Mount Slide-On BMA Plug to SMA Female Adapter ET12132

URL: https://www.ebeestock.com/bulkhead-mount-slide-on-bma-plug-to-sma-female-adapter-0012132

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. Ebeestock reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Ebeestock does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Ebeestock does not assume any liability arising out of the use of any part or documentation.

ET12132 CAD Drawing
Bulkhead Mount Slide-On BMA Plug to SMA Female Adapter

