

Slide-On BMA Jack to SMA Female Adapter



## RF Adapters Technical Data Sheet

ET12130

## Configuration

- Slide-On BMA Jack Connector 1
- SMA Female Connector 2

- 50 Ohm
- Straight Body Geometry

#### Features

- Max VSWR of 1.25:1 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
- Blind Mating

- Rack and Panel
- Phased Array Systems
- Base Stations

- RF BackplanesTest I/O

### Description

Ebeestock's ET12130 slide-on BMA jack to SMA female adapter is part of our full line of RF components available for sameday shipping. Our BMA to SMA adapter has a jack to female gender configuration built of durable stainless steel. ET12130 BMA jack to SMA female adapter operates to 18 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.25:1 maximum.

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			1.25:1	
Insertion Loss			0.3	dB
Operating Voltage (AC)			350	Vrms
Dielectric Withstanding Voltage (AC)			1,000	Vrms
Insulation Resistance	5,000			MOhms

## Mechanical Specifications

Size

 Length
 0.55 in [13.97 mm]

 Width
 0.287 in [7.29 mm]

 Weight
 0.009 lbs [4.08 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Slide-On BMA Jack to SMA Female Adapter ET12130



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Description	Connector 1	Connector 2	
Туре	BMA Jack	SMA Female	
Polarity	Standard	Standard	
Mating Cycles	1,000	1,000	
Contact Retention Force, Min	6.07 lbs [2.75 Kg]		
Contact Retention Force, with	0.07 103 [2.73 119]		

## Material Specifications

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

# Environmental Specifications Tomporature

Operating Range

-65 to +165 deg C

Compliance Certifications (see product page for current document)

## Plotted and Other Data

Notes:

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Slide-On BMA Jack 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: Slide-On BMA Jack to SMA Female Adapter ET12130

URL: https://www.ebeestock.com/slide-on-bma-jack-to-sma-female-adapter-0012130

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.

ET12130 CAD Drawing
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