

SMA Female to SMB Plug Adapter



## RF Adapters Technical Data Sheet

ET1267

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## Configuration

- SMA Female Connector 1
- SMB Plug Connector 2
- Connector 1
   Straight Body Geometry

## Features

- Max VSWR of 1.3:1 up to 4 GHz
- SMA interface compliant with MIL-STD-348A
- SMB interface compliant with MIL-STD-348A
- 30 µ-in minimum contact plating
- Gold Plated Beryllium Copper Contact

# Applications

Allows Connection Between Series
 General Purpose Test

## Description

Ebeestock's ET12679 SMA female to SMB plug 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 SMB adapter has a female to plug gender configuration. ET12679 SMA female to SMB plug adapter operates to 4 GHz. The Ebeestock RF adapter provides good VSWR of 1.3:1 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.

ectrical Specifications			
Erequency Range	DC	4	GHz
VSWR		1.3:1	
Operating Voltage (AC)		335	Vrms

### Mechanical Specifications

 Size

 Length
 0.642 in [16.31 mm]

 Width
 0.25 in [6.35 mm]

 Weight
 0.011 lbs [4.99 g]

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 SMB Plug Adapter ET12679



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Description	Connector 1	Connector 2
Туре	SMA Female	SMB Plug
Polarity	Standard	Standard
Interface Specification	MIL-STD-348A	MIL-STD-348A

#### Material Specifications

	Connector 1		Connector 2	
Description	Material	Plating	Material	Plating
Туре	SMA Female		SMB Plug	
Contact	Beryllium Copper	Gold	Beryllium Copper	Gold
		30 µ-in minimum		30 μ-in minimum
Insulation	PTFE		PTFE	
Outer Conductor	Brass	Nickel		
		100 μ-in minimum		
Body			Brass	Nickel
				100 μ-in minimum
Coupling Nut			Brass	Nickel
				100 μ-in minimum

# **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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
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SMA Female to SMB Plug 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: SMA Female to SMB Plug Adapter ET12679

URL: https://www.ebeestock.com/sma-female-to-smb-plug-adapter-0012679

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.



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