

SMA Male to SMB Plug Adapter



RF Adapters Technical Data Sheet

ET1268

2

Configuration

- SMA Male Connector 1
- SMB Plug Connector 2

Features

- Max VSWR of 1.25:1 up to 4 GHz
- SMA Interface compliant with MIL-STD-348
- 50 Ohms
- Straight Body Geometry
- SMB Interface compliant with MIL-STD-348
- Gold Plated Contact

Applications

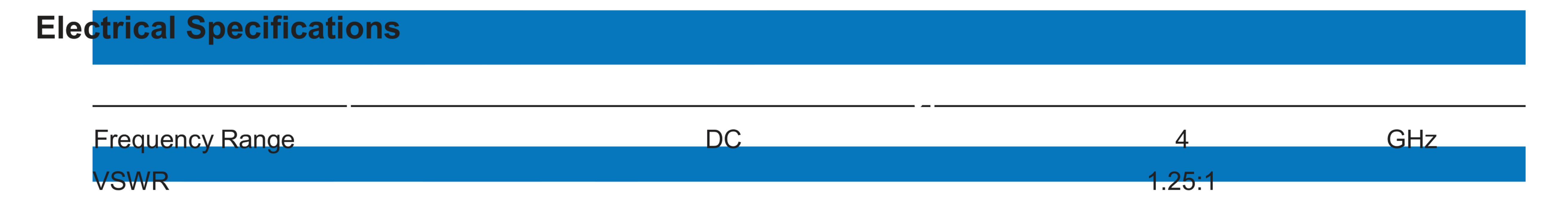
• Allows Connection Between Series

General Purpose Test

Description

Ebeestock's ET12682 SMA male 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 male to plug gender configuration. ET12682 SMA male to SMB plug adapter operates to 4 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 Specification Notes: Values at 25°C, sea level.

Mechanical Specifications

Size

 Length
 0.787 in [19.99 mm]

 Width
 0.312 in [7.92 mm]

 Weight
 0.013 lbs [5.9 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMA Male to SMB Plug Adapter ET12682

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



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Description	Connector 1	Connector 2
Туре	SMA Male	SMB Plug
Polarity	Standard	Standard
Interface Specification	MIL-STD-348	MIL-STD-348
Hex Size	5/16 in.	
Mating Torque	3 to 5 in-lbs [0.34 to 0.57 Nm]	

Material Specifications

	Connector 1		Conne	ctor 2
Description	Material	Plating	Material	Plating
Туре	SMA Male		SMB Plug	
Contact		Gold		Gold
Insulation	PTFE		PTFE	
Body	Brass	Nickel	Brass	Nickel
Coupling Nut	Brass	Nickel	Brass	Nickel

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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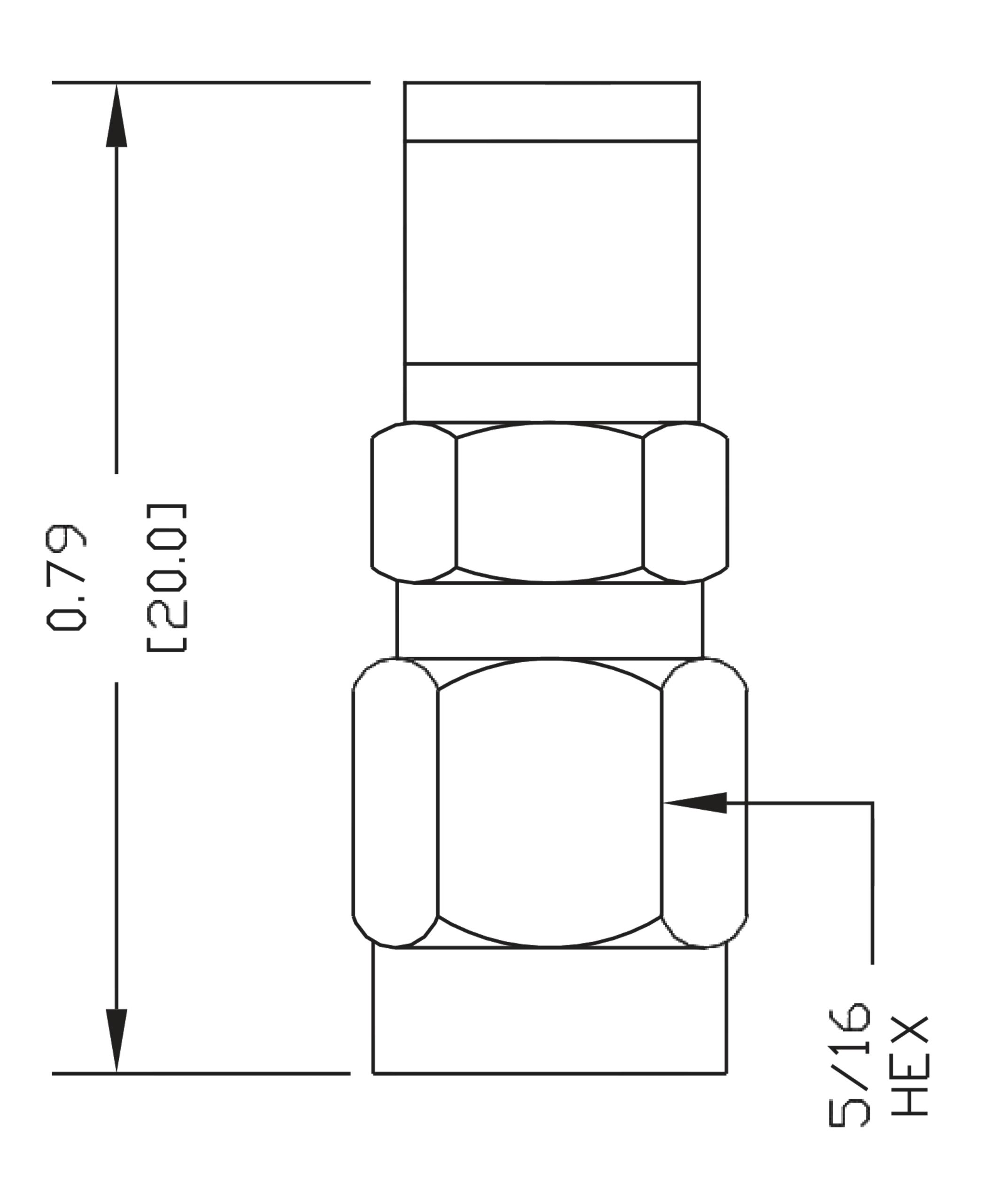
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SMA Male to SMB Plug Adapter from Ebeestock Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMA Male to SMB Plug Adapter ET12682

URL: https://www.ebeestock.com/sma-male-to-smb-plug-adapter-0012682

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.



T ANY TIME.	127	
VOMINAL.	SIZE A	
OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL. CIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME. ONS ARE IN INCHES [mm].	SCALE N/A	
OTHERWISE SPECIFIED SIFICATIONS ARE SUBJI NIS ARE IN INCHES [mm	CAD FILE 082702	
NOTES: 1. UNLESS C 2. ALL SPEC 3. DIMENSIC	53919	
	FSCM NO.	
DWG TITLE ET12682	REV	