

SMA Male to SSMA Female Adapter



RF Adapters Technical Data Sheet

ET1261

6

Configuration

- SMA Male Connector 1
- SSMA Female Connector 2

Features

- Max VSWR of 1.4:1 up to 18 GHz
- SMA Interface compliant with MIL-STD-348

- 50 Ohms
- Straight Body Geometry
- SSMA Interface compliant with MIL-STD-348
- Gold Plated Beryllium Copper Contact

Applications

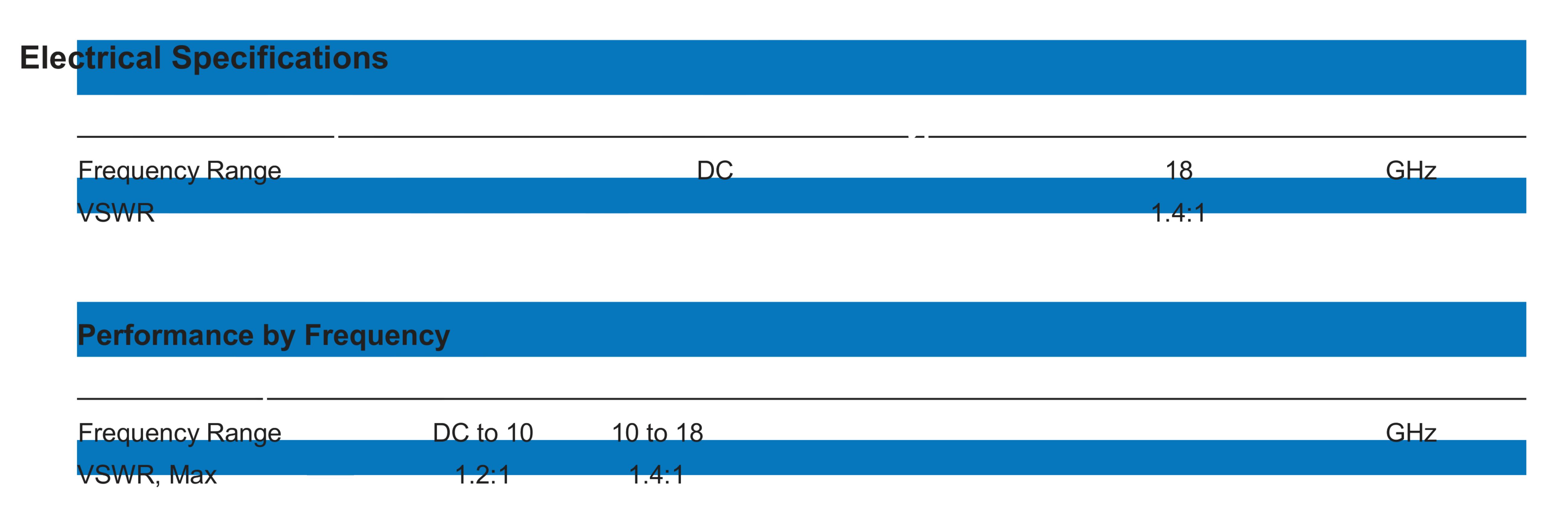
• Allows Connection Between Series

General Purpose Test

Description

Ebeestock's ET12616 SMA male to SSMA female 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 SSMA adapter has a male to female gender configuration. ET12616 SMA male to SSMA female adapter operates to 18 GHz. The Ebeestock RF adapter provides good VSWR of 1.4:1 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 0.72 in [18.29 mm]

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 SSMA Female Adapter ET12616

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



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Width 0.315 in [8 mm] Weight 0.01 lbs [4.54 g]

Description	Connector 1	Connector 2	
Type	SMA Male	SSMA Female	
Polarity	Standard	Standard	
Interface Specification	MIL-STD-348	MIL-STD-348	
Hex Size 5/16 in.			
Mating Torque	8 to 10 in-lbs [0.90 to 1.13 Nm]		

Material Specifications

	Connector 1		Connector 2	
Descriptio	n Material	Plating	Material	Plating
Туре	SMA Male		SSMA Female	
Contact	Beryllium Copper	Gold	Beryllium Copper	Gold
Insulation	PTFE		PTFE	
Outer Conductor			Passivated Stainless Steel	
Body	Passivated Stainless Steel			
Coupling Nut	Passivated Stainless Steel			

Environmental Specifications

Temperature

Operating Range -65 to +125 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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SMA Male to SSMA Female 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.

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URL: https://www.ebeestock.com/sma-male-to-ssma-female-adapter-0012616

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.

ET12616 CAD Drawing SMA Male to SSMA Female Adapter

