

SMA Male to SMA Male Adapter



# RF Adapters Technical Data Sheet

ET12697

## Configuration

- SMA Male Connector 1
- SMA Male Connector 2

#### Features

- Max VSWR of 1.2:1 up to 27 GHz
- 4 µin. Minimum contact plating

# Applications

General Purpose Test

- 50 Ohm
- Straight Body Geometry
- Gold over Nickel Plated Brass Contact

### Description

Ebeestock's ET12697 SMA male to SMA male 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 SMA adapter has a male to male gender configuration built of durable stainless steel. ET12697 SMA male to SMA male adapter operates to 27 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.2:1 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		27	GHz
VSWR			1.2:1	

## Mechanical Specifications

#### Size

Length 0.86 in [21.84 mm] Width 0.315 in [8 mm]

Description	Connector 1	Connector 2	
Туре	SMA Male	SMA Male	
Polarity	Standard	Standard	
Hex Size	5/16 in.	5/16 in.	

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 SMA Male Adapter ET12697

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#### Material Specifications

	Connector 1		Con	nector 2
Descriptio	n Material	Plating	Material	Plating
Гуре	SMA Male		SMA Male	
Contact	Brass	Gold over Nickel	Brass	Gold over Nickel
		4 μin. Minimum		4 µin. Minimum
nsulation	PTFE		PTFE	
Body	Passivated Stainless Steel	Passivated Stainless Steel		
Coupling Nut	Passivated Stainless Steel		Passivated Stainless Stee	<u> </u>

### Compliance Certifications (see product page for current document)

SMA Male to SMA Male 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 Male to SMA Male Adapter ET12697

URL: https://www.ebeestock.com/sma-male-to-sma-male-adapter-0012697

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.

