

SMA Female to SSMA Male Adapter



RF Adapters Technical Data Sheet

ET1270

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Configuration

- SMA Female Connector 1
- SSMA Male Connector 2

Features

- Max VSWR of 1.3:1 up to 18 GHz
- SMA Interface compliant with MIL-STD-348A
- SSMA Interface compliant with MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- Gold Plated Beryllium Copper Contact
- 30 µ-in min Gold Contact Plating

Applications

Allows Connection Between Series
 General Purpose Test

Description

Ebeestock's ET12704 SMA female to SSMA 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 SSMA adapter has a female to male gender configuration. ET12704 SMA female to SSMA male adapter operates to 18 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.

ctrical Specifications			
Erequency Range	DC	18	GHz
VSWR		1.3:1	
Operating Voltage (AC)		250	Vrms

Mechanical Specifications

Size Lena

 Length
 0.805 in [20.45 mm]

 Width
 0.25 in [6.35 mm]

 Weight
 0.006 lbs [2.72 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 SSMA Male Adapter ET12704



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Description	Connector 1	Connector 2
Туре	SMA Female	SSMA Male
Polarity	Standard	Standard
Interface Specification	MIL-STD-348A	MIL-STD-348A
Hex Size		1/4 in

Mechanical Specification Notes: Recommended coupling torque: 2 in-lbs.

Material Specifications

	Connector 1		Conne	ctor 2	
Description	Material	Plating	Material	Plating	
Туре	SMA Female		SSMA Male		
Contact	Beryllium Copper	Gold	Beryllium Copper	Gold	
		30 µ-in minimum		30 µ-in minimum	
Insulation	PTFE		PTFE		
Outer Conductor Pa	assivated Stainless Steel				
Body		Passivated Stainless Steel			
Gasket			Silicone		
Coupling Nut			Passivated Stainless Steel		

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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SMA Female to SSMA Male 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-female-to-ssma-male-adapter-0012704

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.

ET12704 CAD Drawing SMA Female to SSMA Male Adapter

