

SMA Female to SMA Female Adapter, With Knurl



RF Adapters Technical Data Sheet

ET1271

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Configuration

- SMA Female Connector 1
- SMA Female Connector 2

Features

- Max VSWR of 1.23:1 up to 18 GHz
- SMA Interface compliant with MIL-STD-348A
- Gold Plated Beryllium Copper Contact

- 50 Ohms
- Straight Body Geometry
- 50 µ-in min Gold Contact Plating
- Epoxy captivation

Applications

General Purpose Test

Description

Ebeestock's ET12711 SMA female to SMA 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 SMA adapter has a female to female gender configuration. ET12711 SMA female to SMA female adapter operates to 18 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.23:1 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		1.23:1	
Operating Voltage (AC)		500	Vrms

Mechanical Specifications

 Size

 Length
 0.875 in [22.23 mm]

 Width
 0.276 in [7.01 mm]

 Weight
 0.012 lbs [5.44 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 SMA Female Adapter With Knurl ET12711



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Description	Connector 1	Connector 2	
Type	SMA Female	SMA Female	
Polarity	Standard	Standard	
Interface Specification	MIL-STD-348A	MIL-STD-348A	
Contact Captivation Method	Ероху	Ероху	

Material Specifications

	Connector 1		Connector 2		
Description	Material	Plating	Material	Plating	
Туре	SMA Female		SMA Female		
Contact	Beryllium Copper	Gold	Beryllium Copper	Gold	
		50 μ-in minimum		50 μ-in minimum	
Insulation	PTFE		PTFE		
Outer Conductor Pa	assivated Stainless Steel		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 SMA Female Adapter With Knurl 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 Female to SMA Female Adapter With Knurl ET12711

URL: https://www.ebeestock.com/sma-female-to-sma-female-adapter-with-knurl-0012711

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.

ET12711 CAD Drawing
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