

SMP Female to SMP Female Adapter



RF Adapters Technical Data Sheet

ET12796

Configuration

- SMP Female Connector 1
- SMP Female Connector 2

- 50 Ohms
- Straight Body Geometry

Features

- SMP Interface compliant with MIL-STD-348
- Gold Plated Beryllium Copper Contact

Contact Plating per MIL-G-45204

Applications

Allows Connection Between Series

General Purpose Test

Description

Ebeestock's ET12796 SMP female to SMP female adapter is part of our full line of RF components available for same-day shipping. Our SMP to SMP adapter has a female to female gender configuration. ET12796 SMP female to SMP female adapter operates to 40 GHz.

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		40	GHz

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 26.5					GHz
VSWR, Max	1.2:1					

Electrical Specification Notes: Values at 25°C, sea level.

Mechanical Specifications

Size

 Length
 0.254 in [6.45 mm]

 Width
 0.131 in [3.33 mm]

 Weight
 0.0004 lbs [0.18 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMP Female to SMP Female Adapter ET12796

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Description	Connector 1	Connector 2
Туре	SMP Female	SMP Female
Polarity	Standard	Standard
Interface Specification	MIL-STD-348	MIL-STD-348

Material Specifications

	Connector 1		Conne	ector 2	
Description	Material	Plating	Material	Plating	
Туре	SMP Female		SMP Female		
Contact	Beryllium Copper	Gold	Beryllium Copper	Gold	
		MIL-G-45204		MIL-G-45204	
Insulation	PTFE		PTFE		
Outer Conductor	Beryllium Copper	Gold	Beryllium Copper	Gold	
		MIL-G-45204		MIL-G-45204	

Environmental Specifications Temperature

Operating Range

-55 to +125 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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SMP Female to SMP 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.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMP Female to SMP Female Adapter ET12796

URL: https://www.ebeestock.com/smp-female-to-smp-female-adapter-0012796

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.

ET12796 CAD Drawing SMP Female to SMP Female Adapter

