

Precision SMA Female to 2.92mm Male Adapter



RF Adapters Technical Data Sheet

ET11986

Configuration

- SMA Female Connector 1
- 2.92mm Male Connector 2
- 50 Ohms

- Precision Design
- Straight Body Geometry

Features

- Max VSWR of 1.2:1 up to 26.5 GHz
- SMA Interface compliant with MIL-STD-348
- Gold over Nickel Plated Beryllium Copper Contact
- 50 µin min Gold over Nickel Contact Plating

Applications

- Allows Connection Between Series
- General Purpose Test
- Precision Test & Measurement

Description

Ebeestock's ET11986 precision SMA female to 2.92mm 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 2.92mm adapter has a female to male gender configuration in a precision design. ET11986 SMA female to 2.92mm male adapter operates to 26.5 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

Minimum	Typical	Maximum	Units
DC		26.5	GHz
		1.2:1	
		0.25	dB
		750	Vrms
			DC 26.5 1.2:1 0.25

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

Mechanical Specifications

Size

 Length
 0.756 in [19.2 mm]

 Width
 0.312 in [7.92 mm]

 Weight
 0.01 lbs [4.54 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Precision SMA Female to 2.92mm Male Adapter ET11986

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



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Description	Connector 1	Connector 2	
Type	SMA Female	2.92mm Male	
Polarity	Standard	Standard	
Interface Specification	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	
Description	Material	Plating	Material	Plating
Туре	SMA Female		2.92mm Male	
Contact	Beryllium Copper	Gold over Nickel	Beryllium Copper	Gold over Nickel
		50 µin minimum		50 µin minimum
Insulation	PTFE		PTFE	
Outer Conductor Pa	assivated Stainless Steel			
		SAE-AMS-2700		
Body			Passivated Stainless Steel	
				SAE-AMS-2700
Coupling Nut			Passivated Stainless Steel	
				SAE-AMS-2700

Environmental Specifications

Temperature

Operating Range

-55 to +150 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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Precision SMA Female to 2.92mm 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/precision-sma-female-to-2-92mm-male-adapter-0011986

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.

ET11986 CAD Drawing
Precision SMA Female to 2.92mm Male Adapter

