

SMA Male to 1.85mm Male Adapter



## RF Adapters Technical Data Sheet

ET1190

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## Configuration

- SMA Male Connector 1
- 1.85mm Male Connector 2

- 50 Ohm
- Straight Body Geometry

### Features

- Max VSWR of 1.3:1 up to 18 GHz
- SMA interface compliant with MIL-STD-348
- Gold Plated Beryllium Copper Contact

## Applications

- Allows Connection Between Series
- General Purpose Test

#### Description

Ebeestock's ET11907 SMA male to 1.85mm 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. The 1.85mm connector mates mechanically with commercially available 2.4mm connectors. Our SMA to 1.85mm adapter has a male to male gender configuration built of durable stainless steel. ET11907 SMA male to 1.85mm 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.

Electrical Specifications			
Erequency Range	DC	18	GHz
VSWR		1.3:1	

#### Mechanical Specifications

Size	
Length	0.874 in [22.2 mm]
Width	0.312 in [7.92 mm]
Height	0.015 in [0.38 mm]
Weight	0.0186 lbs [8.44 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMA Male to 1.85mm Male Adapter ET11907

www.ebeestock.com



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Description	Connector 1	Connector 2
Туре	SMA Male	1.85mm Male
Polarity	Standard	Standard
Interface Specification	MIL-STD-348	
Hex Size	5/16 in. 5/16 in.	
Mating Torque	3 to 5 in-lbs [0.34 to 0.57 Nm]	

### Material Specifications

	Connector 1		Connector 2	
Descriptio	n Material	Plating	Material	Plating
Туре	SMA Male		1.85mm Male	
Contact	Beryllium Copper	Gold	Beryllium Copper	Gold
Body	Passivated Stainless Steel		Passivated Stainless Steel	
Coupling Nut	Passivated Stainless Steel		Passivated Stainless Steel	

# **Environmental Specifications**

Temperature
Operating Range -65 to +125 °C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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SMA Male to 1.85mm 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 1.85mm Male Adapter ET11907

URL: https://www.ebeestock.com/sma-male-to-1-85mm-male-adapter-0011907

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.

