

1.85mm Male to 1.85mm Male Adapter



RF Adapters Technical Data Sheet

ET11871

Configuration

- 1.85mm Male Connector 1
- 1.85mm Male Connector 2

- 50 Ohms
- Straight Body Geometry

Features

• Max VSWR of 1.35:1 up to 67 GHz

Gold Plated Beryllium Copper Contact

Applications

General Purpose Test

Description

Ebeestock's ET11871 1.85mm male to 1.85mm male adapter is part of our full line of RF components available for same-day shipping. The 1.85mm connector mates mechanically with commercially available 2.4mm connectors. The 1.85mm connector mates mechanically with commercially available 2.4mm connectors. Our 1.85mm to 1.85mm adapter has a male to male gender configuration built of durable stainless steel. ET11871 1.85mm male to 1.85mm male adapter is gold plated and operates to 67 GHz. The Ebeestock RF adapter provides good VSWR of 1.35:1 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

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		67	GHz
VSWR	1.35:1			
RF Leakage	-90 dB			dB
Input Power (CW)			20	Watts

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

Mechanical Specifications

Size

 Length
 0.93 in [23.62 mm]

 Width
 0.312 in [7.92 mm]

 Weight
 0.016 lbs [7.26 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 1.85mm Male to 1.85mm Male Adapter ET11871

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Description	Connector 1	Connector 2	
Type	1.85mm Male	1.85mm Male	
Polarity	Standard	Standard	
Hex Size	ize 5/16 in.		
Mating Torque	8 to 10 in-lbs [0.90 to 1.13 Nm]	8 to 10 in-lbs [0.90 to 1.13 Nm]	

Material Specifications

Connector 1		Connect	
Material	Plating	Material	Plating
1.85mm Male		1.85mm Male	
Beryllium Copper	Gold	Beryllium Copper	Gold
PTFE		PTFE	
Stainless Steel	Gold	Stainless Steel	Gold
Stainless Steel	Gold	Stainless Steel	Gold
	1.85mm Male Beryllium Copper PTFE Stainless Steel	1.85mm Male Beryllium Copper Gold PTFE Stainless Steel Gold	1.85mm Male1.85mm MaleBeryllium CopperGoldBeryllium CopperPTFEPTFEStainless SteelGoldStainless Steel

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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1.85mm 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% 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: 1.85mm Male to 1.85mm Male Adapter ET11871

URL: https://www.ebeestock.com/1-85mm-male-to-1-85mm-male-adapter-0011871

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.

ET11871 CAD Drawing 1.85mm Male to 1.85mm Male Adapter

