

1.0mm Male to 1.85mm Male Adapter



# RF Adapters Technical Data Sheet

ET11862

## Configuration

- 1.0mm Male Connector 1
- 1.85mm Male Connector 2

- 50 Ohms
- Straight Body Geometry

#### Features

- Max VSWR of 1.25:1 up to 65 GHz
- Gold over Nickel Plated Beryllium Copper Contact
- 50 µin min Gold over Nickel Contact Plating

## Applications

Allows Connection Between Series

General Purpose Test

#### Description

Ebeestock's ET11862 1.0mm male to 1.85mm male adapter is part of our full line of RF components available for same-day shipping. Our 1.0mm to 1.85mm adapter has a male to male gender configuration built of durable stainless steel. ET11862 1.0mm male to 1.85mm male adapter operates to 65 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.25:1 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		65	GHz
VSWR			1.25:1	

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

#### Mechanical Specifications

Size

 Length
 0.695 in [17.65 mm]

 Width
 0.312 in [7.92 mm]

 Weight
 0.11 lbs [49.9 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 1.0mm Male to 1.85mm Male Adapter ET11862

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Description	Connector 1	Connector 2
Туре	1.0mm Male	1.85mm Male
Polarity	Standard	Standard
Hex Size	15/64 in.	5/16 in.

#### **Material Specifications**

	Connector 1		Connector 2	
Descriptio	n Material	Plating	Material	Plating
Туре	1.0mm Male		1.85mm Male	
Contact	Beryllium Copper	Gold over Nickel	Beryllium Copper	Gold over Nickel
		50 µin minimum		50 µin minimum
Insulation	PEI		PEI	
Body	Passivated Stainless Steel		Passivated Stainless Steel	
		SAE-AMS-2700		SAE-AMS-2700
Coupling Nut	Passivated Stainless Steel		Passivated Stainless Steel	
		SAE-AMS-2700		SAE-AMS-2700

#### Compliance Certifications (see product page for current document)

1.0mm 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.

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URL: https://www.ebeestock.com/1-0mm-male-to-1-85mm-male-adapter-0011862

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.

# ET11862 CAD Drawing 1.0mm Male to 1.85mm Male Adapter

