

1.0mm Male to 1.85mm Female Adapter



RF Adapters Technical Data Sheet

ET11860

Configuration

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

- 50 Ohm
- Straight Body Geometry

Features

- Max VSWR of 1.35:1 up to 65 GHz
- 50 µin minimum contact plating

Gold over Nickel Plated Beryllium Copper Contact

Applications

- Allows Connection Between Series
- General Purpose Test

Description

Ebeestock's ET11860 1.0mm male to 1.85mm female 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 female gender configuration. ET11860 1.0mm male to 1.85mm female adapter operates to 65 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		65	GHz
VSWR		1.35:1		

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

Mechanical Specifications

Size

 Length
 0.73 in [18.54 mm]

 Width
 0.31 in [7.87 mm]

 Weight
 0.0117 lbs [5.31 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 Female Adapter ET11860

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	
Туре	1.0mm Male	1.85mm Female	
Polarity	Standard	Standard	
Hex Size	6 mm		
Mating Torque	3 in-lbs [0.34 Nm] max		

Material Specifications

	Connect	or 1	Conne	nector 2	
Description	n Material	Plating	Material	Plating	
Туре	1.0mm Male		1.85mm Female		
Contact	Beryllium Copper	Gold over Nickel	Beryllium Copper	Gold over Nickel	
		50 µin minimum		50 μin minimum	
Insulation	PEI		PEI		
Outer Conductor			Passivated 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 -65 to +165 deg C

Shock
MIL-STD-202. METHOD 213. CONDITION I
Vibration
MIL-STD-202. METHOD 204. CONDITION D
Thermal Shock
MIL-STD-202. METHOD. CONDITION B

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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1.0mm Male to 1.85mm Female 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.

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URL: https://www.ebeestock.com/1-0mm-male-to-1-85mm-female-adapter-0011860

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.

ET11860 CAD Drawing 1.0mm Male to 1.85mm Female Adapter

