

1.0mm Female to 1.85mm Female Adapter



RF Adapters Technical Data Sheet

ET11861

Configuration

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

- 50 Ohms
- Straight Body Geometry

Features

- Max VSWR of 1.35:1 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 ET11861 1.0mm female to 1.85mm female adapter is part of our full line of RF components available for sameday shipping. Our 1.0mm to 1.85mm adapter has a female to female gender configuration. ET11861 1.0mm female 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
Width
Weight

0.735 in [18.67 mm] 0.31 in [7.87 mm] 0.008 lbs [3.63 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 Female to 1.85mm Female Adapter ET11861

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Description	Connector 1	Connector 2
Type	1.0mm Female	1.85mm Female
Polarity	Standard	Standard
Mating Cycles	500	500

Material Specifications

	Connector 1		Connec	Connector 2	
Description	Material	Plating	Material	Plating	
Туре	1.0mm Female		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 Pa	assivated Stainless Steel		Passivated Stainless Steel		
		SAE-AMS-2700		SAE-AMS-2700	

Environmental SpecificationsTemperature

Operating Range

-65 to +100 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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1.0mm Female 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% availability and are part of the broadest selection in the industry.

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URL: https://www.ebeestock.com/1-0mm-female-to-1-85mm-female-adapter-0011861

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.

ET11861 CAD Drawing
1.0mm Female to 1.85mm Female Adapter

