

2.92mm Female to 2.92mm Female Bulkhead Mount Adapter



# RF Adapters Technical Data Sheet

ET1197

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## Configuration

- 2.92mm Female Connector 1
- 2.92mm Female Connector 2
- 50 Ohm

- Straight Body Geometry
- Bulkhead Mount Method

#### Features

- Max VSWR of 1.25:1 up to 40 GHz
- Contact plating according to MIL-G-45204
- Gold over Nickel Plated Beryllium Copper Contact
- Max VSWR of 1.25:1 up to 40 GHz
- Gold over Nickel Plated Beryllium Copper Contact
- Contact Plating per MIL-G-45204

## Applications

- General Purpose Test
- Rack Mounted Equipment
- General Purpose Test
- Rack Mounted Equipment

### Description

Ebeestock's ET11976 2.92mm female to 2.92mm female bulkhead adapter is part of our full line of RF components available for same-day shipping. The 2.92mm connector mates mechanically with commercially available SMA and 3.5mm connectors. Our 2.92mm to 2.92mm adapter has a female to female gender configuration. ET11976 2.92mm female to 2.92mm female adapter operates to 40 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.25:1 maximum. This RF 2.92mm to 2.92mm bulkhead adapter allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

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	40	GHz
VSWR		1.25:1	
Insertion Loss		0.32	dB

Electrical Specification Notes: Values at 25°C, sea level. Insertion Loss (dB) = 0.05\*sqrt(fGHz).

## Mechanical Specifications

Size

Length 0 in [0 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 2.92mm Female to 2.92mm Female Bulkhead Mount Adapter ET11976

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 Width
 0 in [0 mm]

 Height
 0 in [0 mm]

 Weight
 0.0127 lbs [5.76 g]

Connector 1	Connector 2	
2.92mm Female	2.92mm Female	
Standard	Standard	d
500	500	
	2.92mm Female Standard	2.92mm Female 2.92mm Female Standard Standard

## Material Specifications

	Connector 1		Connector 2		
Description	Material	Plating	Material	Plating	
Туре	2.92mm Female		2.92mm Female		
Contact	Beryllium Copper	Gold over Nickel	Beryllium Copper	Gold over Nickel	
		MIL-G-45204		MIL-G-45204	
Insulation	Oxide-Noryl		Oxide-Noryl		
Outer Conductor Pa	assivated Stainless Steel		Passivated Stainless Steel		
		ASTM A380		ASTM A380	

### **Environmental Specifications**

Temperature

Operating Range -55 to +100 °C

Vibration Vibration MIL-STD-202, Method 204, Cond. D (20G's)

Salt Spray MIL-STD-202, Method 101, Cond. B, 5% salt solution

Compliance Certifications (see product page for current document)

#### Plotted and Other Data

Notes

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2.92mm Female to 2.92mm Female Bulkhead Mount 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: 2.92mm Female to 2.92mm Female Bulkhead Mount Adapter ET11976

**URL:** https://www.ebeestock.com/2-92mm-female-to-2-92mm-female-bulkhead-mount-adapter-0011976

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.

ET11976 CAD Drawing
2.92mm Female to 2.92mm Female Bulkhead Mount Adapter

