

4 Hole Flange Mount 2.92mm Female to 2.92mm Female Adapter



RF Adapters Technical Data Sheet

ET1197

7

Configuration

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

- Straight Body Geometry
- 4 Hole Flange Mount Method

Features

- Max VSWR of 1.35:1 up to 40 GHz
- 2.92mm Interface compliant with MIL-STD-348
- Gold Plated Beryllium Copper Contact

Applications

General Purpose Test

Rack Mounted Equipment

Description

Ebeestock's ET11977 4 hole flange 2.92mm female to 2.92mm female 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. ET11977 2.92mm female to 2.92mm female adapter operates to 40 GHz. The Ebeestock RF adapter provides good VSWR of 1.35:1 maximum. This RF 2.92mm 4 hole flange to 2.92mm 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.

| equency Range | | DC | 40 | GHz |
|------------------|---------|----|--------|-----|
| WR | | | 1.35:1 | |
| | | | | |
| | | | | |
| | | | | |
| rformance by Fre | allancy | | | |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 4 Hole Flange 2.92mm Female to 2.92mm Female Adapter ET11977

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Mechanical Specifications

Size

 Length
 0.79 in [20.07 mm]

 Width
 0.5 in [12.7 mm]

 Height
 0.5 in [12.7 mm]

 Weight
 0.013 lbs [5.9 g]

| Description | Connector 1 | Connector 2 | |
|-------------------------|---------------|---------------|--|
| Type | 2.92mm Female | 2.92mm Female | |
| Polarity | Standard | Standard | |
| Interface Specification | MIL-STD-348 | MIL-STD-348 | |

Material Specifications

| Description | Connector 1 | | Connector 2 | | |
|--------------------|---------------------------|---------|----------------------------|---------|--|
| | Material | Plating | Material | Plating | |
| Туре | 2.92mm Female | | 2.92mm Female | | |
| Contact | Beryllium Copper | Gold | Beryllium Copper | Gold | |
| Outer Conductor Pa | assivated Stainless Steel | | Passivated Stainless Steel | | |

Environmental Specifications

Temperature

Operating Range -65 to +125 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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4 Hole Flange 2.92mm Female to 2.92mm 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/4-hole-flange-mount-2-92mm-female-to-2-92mm-female-adapter-00119

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.

ET11977 CAD Drawing
4 Hole Flange 2.92mm Female to 2.92mm Female Adapter

