

2.92mm Female to 2.4mm Male Adapter



RF Adapters Technical Data Sheet

ET1193

7

Configuration

- 2.92mm Female Connector 1
- 2.4mm Male Connector 2

- 50 Ohm
- Straight Body Geometry

Features

- Max VSWR of 1.15:1 up to 40 GHz
- Gold over Nickel over Copper Plated Beryllium Copper

Contact

Applications

• Allows Connection Between Series

General Purpose Test

Description

Ebeestock's ET11937 2.92mm female to 2.4mm male adapter is part of our full line of RF components available for sameday shipping. The 2.92mm connector mates mechanically with commercially available SMA and 3.5mm connectors. The 2.4mm connector mates mechanically with commercially available 1.85mm (V) connectors. Our 2.92mm to 2.4mm adapter has a female to male gender configuration built of durable stainless steel. ET11937 2.92mm female to 2.4mm male adapter operates to 40 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.15:1 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.

| ctrical Specifications | | | | | |
|--------------------------------------|-------|--------|-------|--|--|
| | | 10 | | | |
| Frequency Range | DC | 40 | GHz_ | | |
| <u>VSWR</u> | | 1.15:1 | | | |
| Operating Voltage (AC) | | 150 | Vrms | | |
| Dielectric Withstanding Voltage (AC) | | 500 | Vrms | | |
| Insulation Resistance | 5,000 | | MOhms | | |
| RF Leakage | | 100 | dB | | |

Electrical Specification Notes: Insertion Loss = 0.05 x SQRT(F(GHz))

Mechanical Specifications

Size

 Length
 0.79 in [20.07 mm]

 Width
 0.315 in [8 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 2.4mm Male Adapter ET11937

8th Floor, Building 1, Yongfu Science and Technology Center Industrial Park, Nanzha District 5, Humen,523900, Dongguan, Guangdong, China.



2.92mm Female to 2.4mm Male Adapter



RF Adapters Technical Data Sheet ET11937

Height 0.315 in [8 mm] 0.35 lbs [158.76 g] Weight

| Description | Connector 1 | Connector 2 | |
|---------------|---------------|-------------|--|
| Type | 2.92mm Female | 2.4mm Male | |
| Polarity | Standard | Standard | |
| Mating Cycles | 500 | 500 | |
| | | | |

Material Specifications

| | Connector 1 | | Connector 2 | |
|--------------|----------------------------|------------------------------|-------------------------|------------------------------|
| Description | n Material | Plating | Material | Plating |
| Туре | 2.92mm Female | | 2.4mm Male | |
| Contact | Beryllium Copper | Gold over Nickel over Copper | Beryllium Copper | Gold over Nickel over Copper |
| Insulation | PTFE | | PTFE | |
| Body | Passivated Stainless Steel | Pa | assivated Stainless Ste | el |
| Gasket | Silicone | | Silicone | |
| Coupling Nut | Passivated Stainless Steel | Pá | assivated Stainless Ste | el |
| | | | | |

Environmental SpecificationsTemperature

Operating Range -55 to 105 °C

Humidity MIL-STD-202, Method 206

MIL-STD-202, Method 107, Condition B Thermal Shock MIL-STD-202, Method 101, Condition B Salt Spray

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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 2.4mm Male Adapter ET11937



2.92mm Female to 2.4mm Male Adapter




RF Adapters Technical Data Sheet ET11937

2.92mm Female to 2.4mm Male 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 2.4mm Male Adapter ET11937

URL: https://www.ebeestock.com/2-92mm-female-to-2-4mm-male-adapter-0011937

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.



www.ebeestock.com