

3.5mm Male to 2.92mm Male Adapter



RF Adapters Technical Data Sheet

ET1198

9

Configuration

- 3.5mm Male Connector 1
- 2.92mm Male Connector 2

- 50 Ohms
- Straight Body Geometry

Features

- Max VSWR of 1.23:1 up to 34.5 GHz
- Gold Plated Beryllium Copper Contact

Contact Plating per MIL-G-45204

Applications

- Allows Connection Between Series
- General Purpose Test

Description

Ebeestock's ET11989 3.5mm male to 2.92mm male adapter is part of our full line of RF components available for sameday shipping. The 3.5mm connector mates mechanically with commercially available SMA and 2.92mm (K) connectors. Our 3.5mm to 2.92mm adapter has a male to male gender configuration built of durable stainless steel. ET11989 3.5mm male to 2.92mm male adapter operates to 34.5 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.23:1 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.

| ectrical Specifications | | | |
|-------------------------|----|--------|-----|
| Erequency Range | DC | 34.5 | GHz |
| VSWR | | 1.23:1 | |
| Insertion Loss | | 0.3 | dB |

Electrical Specification Notes: Values at 25°C, sea level. VSWR = 1.05 + 0.005*(fGHz). Insertion Loss (dB) = 0.05*sqrt(fGHz).

Mechanical Specifications

Size
Length
Width
Weight

0.782 in [19.86 mm] 0.312 in [7.92 mm] 0.011 lbs [4.99 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 3.5mm Male to 2.92mm Male Adapter ET11989

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| Description | Connector 1 | Connector 2 |
|---------------|-------------|-------------|
| Туре | 3.5mm Male | 2.92mm Male |
| Polarity | Standard | Standard |
| Mating Cycles | 500 | 500 |
| Hex Size | 5/16 in. | 5/16 in. |
| | | |

Material Specifications

| | Connector 1 | | Connector 2 | |
|--------------|----------------------------|-------------|----------------------------|-------------|
| Descriptio | n Material | Plating | Material | Plating |
| Туре | 3.5mm Male | | 2.92mm Male | |
| Contact | Beryllium Copper | Gold | Beryllium Copper | Gold |
| | | MIL-G-45204 | | MIL-G-45204 |
| Insulation | Oxide Noryl | | Oxide-Noryl | |
| Body | Passivated Stainless Steel | | Passivated Stainless Steel | |
| | | ASTM-A380 | | ASTM-A380 |
| Coupling Nut | Passivated Stainless Steel | | Passivated Stainless Steel | |
| | | ASTM-A380 | | ASTM-A380 |

Environmental Specifications

Temperature

Operating Range -55 to +100 deg C

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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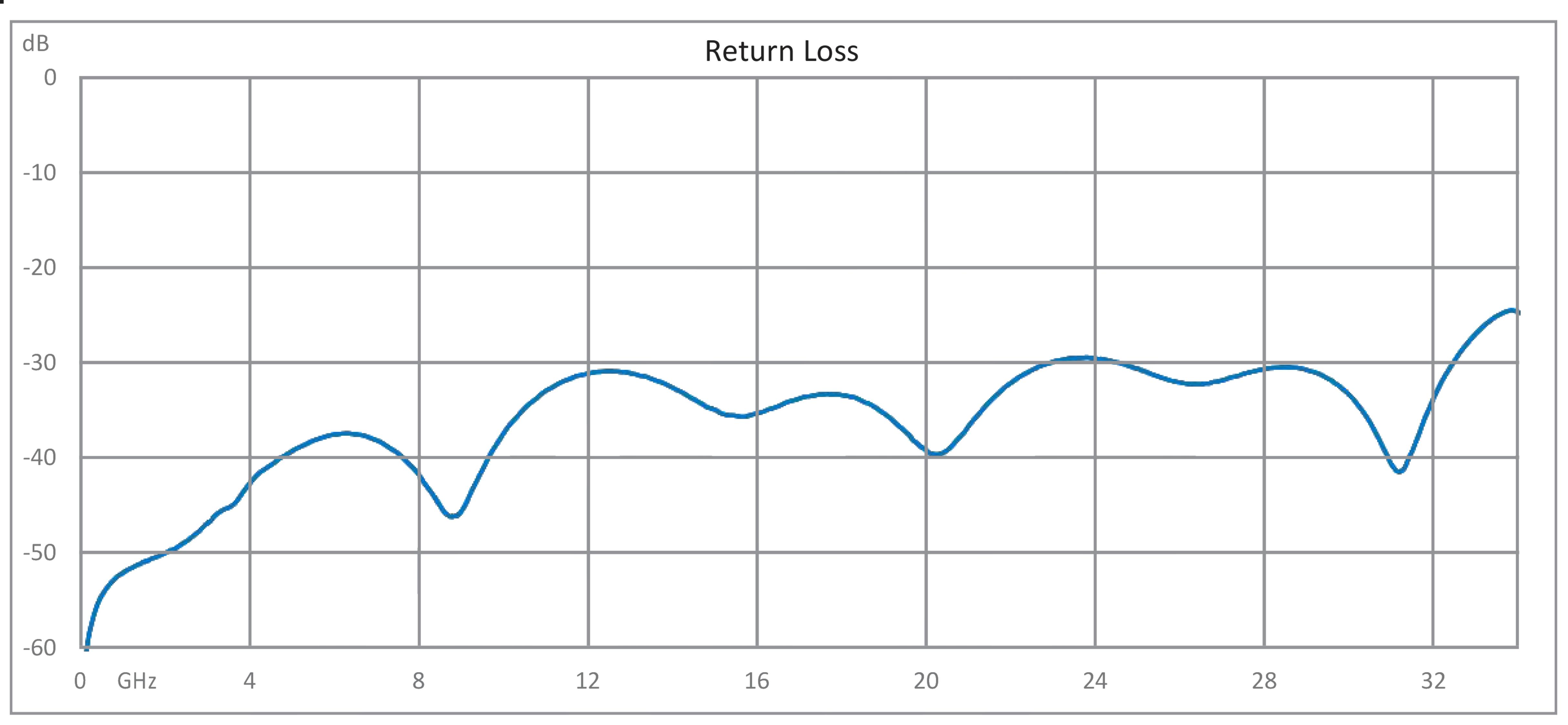


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Typical Performance Data



3.5mm Male to 2.92mm Male 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/3-5mm-male-to-2-92mm-male-adapter-0011989

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.

ET11989 CAD Drawing 3.5mm Male to 2.92mm Male Adapter

