

2.92mm Female to 3.5mm Female Adapter



RF Adapters Technical Data Sheet

ET1197

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Configuration

- 2.92mm Female Connector 1
- 3.5mm Female Connector 2

Features

- Max VSWR of 1.25:1 up to 34 GHz
- Contact plating according to ASTM-B488, ASTM-B689
- Gold over Electrolytic Nickel Plated Beryllium Copper Contact
- 50 Ohm
- Straight Body Geometry
- Max VSWR of 1.25:1 up to 34 GHz
- Gold over Electrolytic Nickel Plated Beryllium Copper Contact
- Contact Plating per ASTM-B488, ASTM-B689

Applications

- Allows Connection Between Series
- General Purpose Test
- Allows Connection Between Series
- General Purpose Test

Description

Ebeestock's ET11978 2.92mm female to 3.5mm female 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. Our 2.92mm to 3.5mm adapter has a female to female gender configuration. ET11978 2.92mm female to 3.5mm female adapter operates to 34 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.25:1 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 Frequency Range **VSWR** Insertion Loss Operating Voltage (AC) Vrms. Dielectric Withstanding Voltage (AC) 500 Vrms High Potential Voltage 325 Vrms 5 to 7.5 MHz Corona Discharge 125 Vrms at 70,000 ft Insulation Resistance MOhms 5,000 RF Leakage dB

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 3.5mm Female Adapter ET11978



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Electrical Specification Notes: Values at 25°C, sea level. Insertion Loss = 0.04 x sqrt(FGHz) dB Max

Mechanical Specifications

Size

 Length
 0.75 in [19.05 mm]

 Width
 0.281 in [7.14 mm]

 Weight
 0.007 lbs [3.18 g]

2.92mm Female	3.5mm Female
	C.CITIII I CITICIC
Standard	Standard
500	500
	Standard

Material Specifications

	Connector 1		Connector 2	
Description	Material	Plating	Material	Plating
Туре	2.92mm Female		3.5mm Female	
Contact	Beryllium Copper	Gold over Electrolytic Nickel	Beryllium Copper	Gold over Electrolytic Nickel
		ASTM-B488, ASTM-B689		ASTM-B488, ASTM-B689
Insulation	PCTFE		PCTFE	
Outer Conductor Passivated Stainless Steel		F	Passivated Stainless Stee	
		SAE-AMS-2700		SAE-AMS-2700

Environmental Specifications

Temperature

Operating Range -65 to +150 deg C

Humidity
Shock
MIL-STD-202, Method 106 (No Vibration)
MIL-STD-202, Method 213, Condition I
Wibration
MIL-STD-202, Method 204, Condition D
MIL-STD-202, Method 107, Condition B
MIL-STD-202, Method 101, Condition B, 5%

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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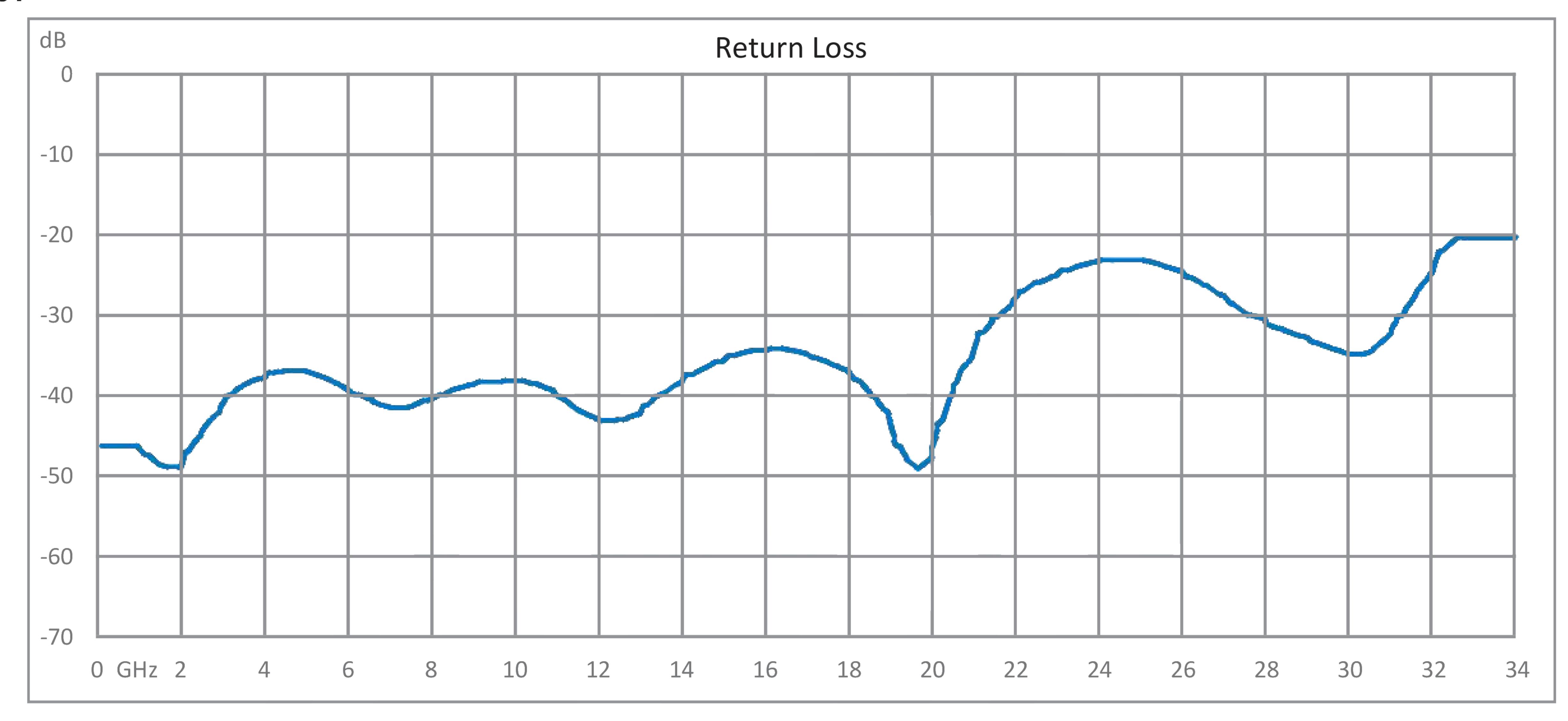


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Typical Performance Data



2.92mm Female to 3.5mm Female 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 3.5mm Female Adapter ET11978

URL: https://www.ebeestock.com/2-92mm-female-to-3-5mm-female-adapter-0011978

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.

