

1.85mm Male to 3.5mm Female Adapter



## RF Adapters Technical Data Sheet

ET1189

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## Configuration

- 1.85mm Male Connector 1
- 3.5mm Female Connector 2

- 50 Ohms
- Straight Body Geometry

#### Features

• Max VSWR of 1.3:1 up to 34 GHz

Gold Plated Beryllium Copper Contact

### Applications

• Allows Connection Between Series

General Purpose Test

#### Description

Ebeestock's ET11893 1.85mm male to 3.5mm female adapter is part of our full line of RF components available for sameday shipping. The 1.85mm connector mates mechanically with commercially available 2.4mm connectors. Our 1.85mm to 3.5mm adapter has a male to female gender configuration. ET11893 1.85mm male to 3.5mm female adapter operates to 34 GHz. The Ebeestock RF adapter provides good VSWR of 1.3:1 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	DC	34	GHz
VSWR		1.3:1	

#### Mechanical Specifications

Size
Length
Width
Weight

0.776 in [19.71 mm] 0.312 in [7.92 mm] 0.012 lbs [5.44 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 1.85mm Male to 3.5mm Female Adapter ET11893



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Connector 1	Connector 2
1.85mm Male	3.5mm Female
Standard	Standard
5/16 in.	
8 to 10 in-lbs [0.90 to 1.13 Nm]	
	1.85mm Male Standard 5/16 in.

#### Material Specifications

	Connector 1		Connect	tor 2
Description	on Material	Plating	Material	Plating
Туре	1.85mm Male		3.5mm Female	
Contact	Beryllium Copper	Gold	Beryllium Copper	Gold
Outer Conducto	or		Passivated Stainless Steel	
Body	Passivated Stainless Steel			
Coupling Nut	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:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 1.85mm Male to 3.5mm Female Adapter ET11893

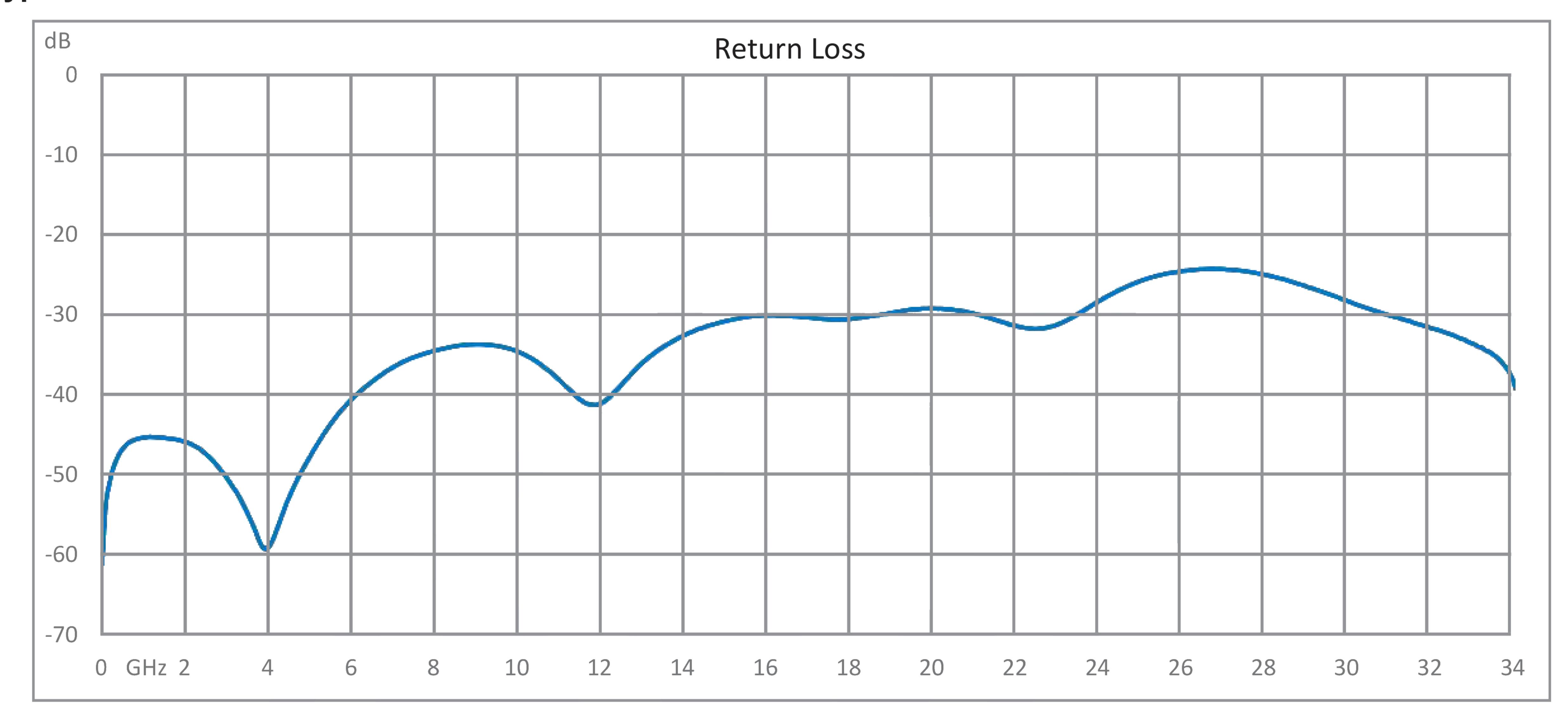


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#### **Typical Performance Data**



1.85mm Male 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% 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: 1.85mm Male to 3.5mm Female Adapter ET11893

URL: https://www.ebeestock.com/1-85mm-male-to-3-5mm-female-adapter-0011893

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.

# ET11893 CAD Drawing 1.85mm Male to 3.5mm Female Adapter

