

Precision SMA Female to SMA Female Bulkhead Mount Adapter, With O-Ring



# RF Adapters Technical Data Sheet

ET1274

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## Configuration

- SMA Female Connector 1
- SMA Female Connector 2
- 50 Ohm

- Precision Design
- Straight Body Geometry
- Bulkhead Mount Method

#### Features

- Max VSWR of 1.15:1 up to 18 GHz
- SMA interface compliant with MIL-STD-348
- Gold Plated Beryllium Copper Contact

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# Applications

- General Purpose Test
- Rack Mounted Equipment
- Precision Test & Measurement
- General Purpose Test
- Rack Mounted Equipment
- Precision Test & Measurement

#### Description

Ebeestock's ET12746 SMA female to SMA female bulkhead adapter is part of our full line of RF components available for same-day shipping. The SMA connector mates mechanically with commercially available 3.5mm and 2.92mm (K) connectors. Our SMA to SMA adapter has a female to female gender configuration in a precision design. ET12746 SMA female to SMA female adapter operates to 18 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.15:1 maximum. This RF SMA to SMA bulkhead 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.

# Frequency Range DC 18 GHz

#### Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 4	4 to 8	8 to 18			GHz
VSWR, Max	1.05:1	1.1:1	1.15:1			

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Precision SMA Female to SMA Female Bulkhead Mount Adapter, With O-Ring ET12746



Precision SMA Female to SMA Female Bulkhead Mount Adapter, W ith O-Ring



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#### Mechanical Specifications

Size

 Length
 0.875 in [22.23 mm]

 Width
 0.312 in [7.92 mm]

 Weight
 0.01 lbs [4.54 g]

Description	Connector 1	Connector 2	
Type	SMA Female	SMA Female	
Polarity	Standard	Standard	
Interface Specification	MIL-STD-348	MIL-STD-348	

### Material Specifications

	Connector 1		Connector 2	
Description	Material	Plating	Material	Plating
Туре	SMA Female		SMA Female	
Contact	Beryllium Copper	Gold	Beryllium Copper	Gold
Outer Conductor Passivated Stainless Steel			Passivated Stainless Steel	

# **Environmental Specifications**

Temperature

Operating Range -55 to +125 deg C

Compliance Certifications (see product page for current document)

#### Plotted and Other Data

Notes:

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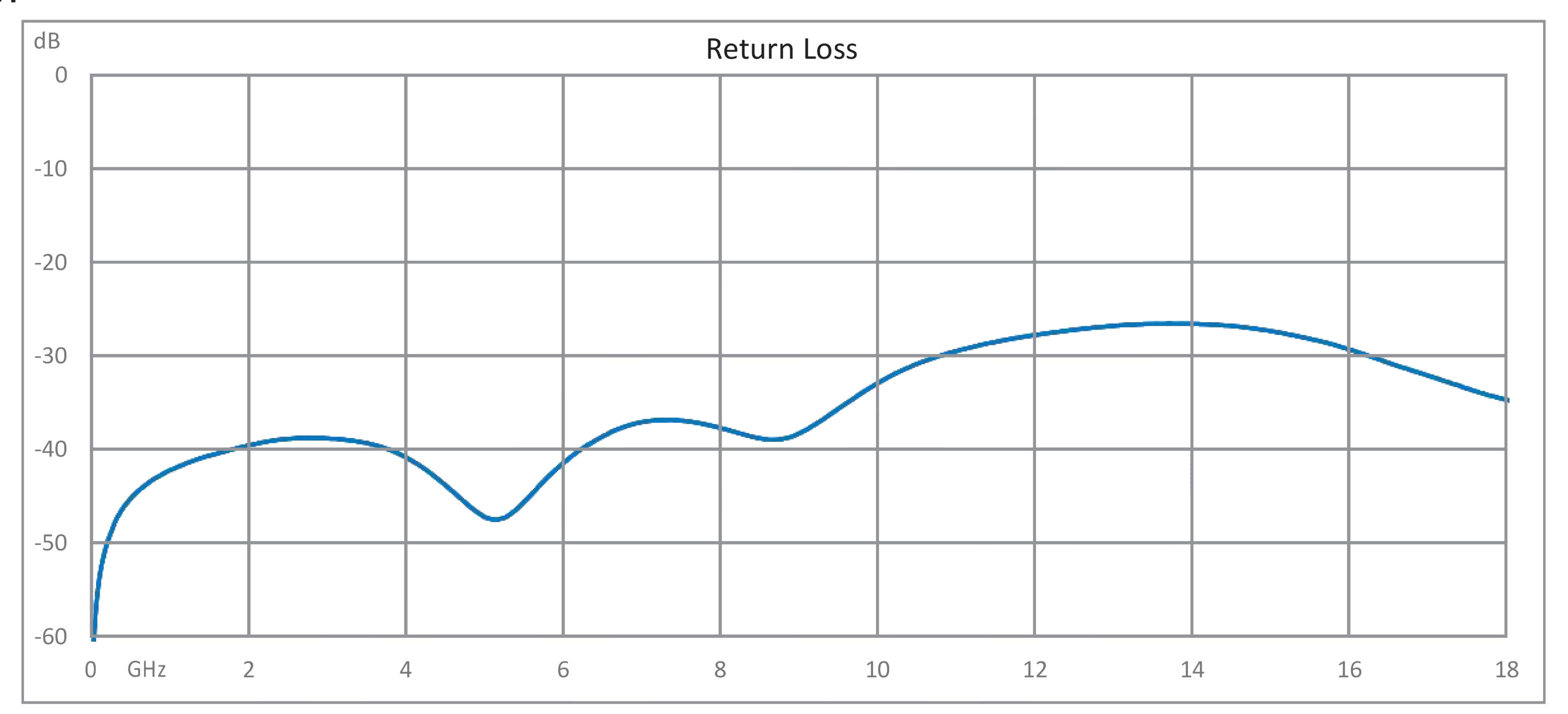


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#### **Typical Performance Data**



Precision SMA Female to SMA Female Bulkhead Mount Adapter, With O-Ring 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: Precision SMA Female to SMA Female Bulkhead Mount Adapter, With O-Ring ET12746

**URL:** https://www.ebeestock.com/precision-sma-female-to-sma-female-bulkhead-mount-adapter-with-o-ring-0012746

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.

ET12746 CAD Drawing

Precision SMA Female to SMA Female Bulkhead Mount Adapter, With O-Ring

