

Precision SMA Male to N Female 4 Hole Flange Mount Adapter



# RF Adapters Technical Data Sheet

ET1258

3

# Configuration

- SMA Male Connector 1
- N Female Connector 2
- 50 Ohms

- Precision Design
- Straight Body Geometry
- 4 Hole Flange Mount Method

### Features

- Max VSWR of 1.15:1 up to 18 GHz
- SMA Interface compliant with MIL-C-39012
- N Interface compliant with MIL-C-39012
- Gold Plated Beryllium Copper Contact

# Applications

- Allows Connection Between Series
- General Purpose Test
- Rack Mounted Equipment
- Precision Test & Measurement

### Description

Ebeestock's ET12583 precision SMA male to type N female 4 hole flange 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 type N adapter has a male to female gender configuration in a precision design. ET12583 SMA male to type N female adapter operates to 18 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.15:1 maximum. This RF SMA to type N 4 hole flange 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.

Electrical Specifications			
Frequency Range	DC	18	GHz
VSWR		1.15:1	

## Mechanical Specifications

 Size

 Length
 1.54 in [39.12 mm]

 Width
 1 in [25.4 mm]

 Height
 1 in [25.4 mm]

 Weight
 0.093 lbs [42.18 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Precision SMA Male to N Female 4 Hole Flange Adapter ET12583



Precision SMA Male to N Female 4 Hole Flange Mount Adapter



# RF Adapters Technical Data Sheet ET12583

Description	Connector 1	Connector 2
Type	SMA Male	N Female
Polarity	Standard	Standard
Interface Specification	MIL-C-39012	MIL-C-39012
Hex Size	5/16 in.	
Mating Torque	8 to 10 in-lbs [0.90 to 1.13 Nm]	
Iviating rorque		

#### Material Specifications

	Connector 1		Connector 2		
Description	n Material	Plating	Material	Plating	
Туре	SMA Male		N Female		
Contact	Beryllium Copper	Gold	Beryllium Copper	Gold	
Outer Conductor	r		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: Precision SMA Male to N Female 4 Hole Flange Adapter ET12583

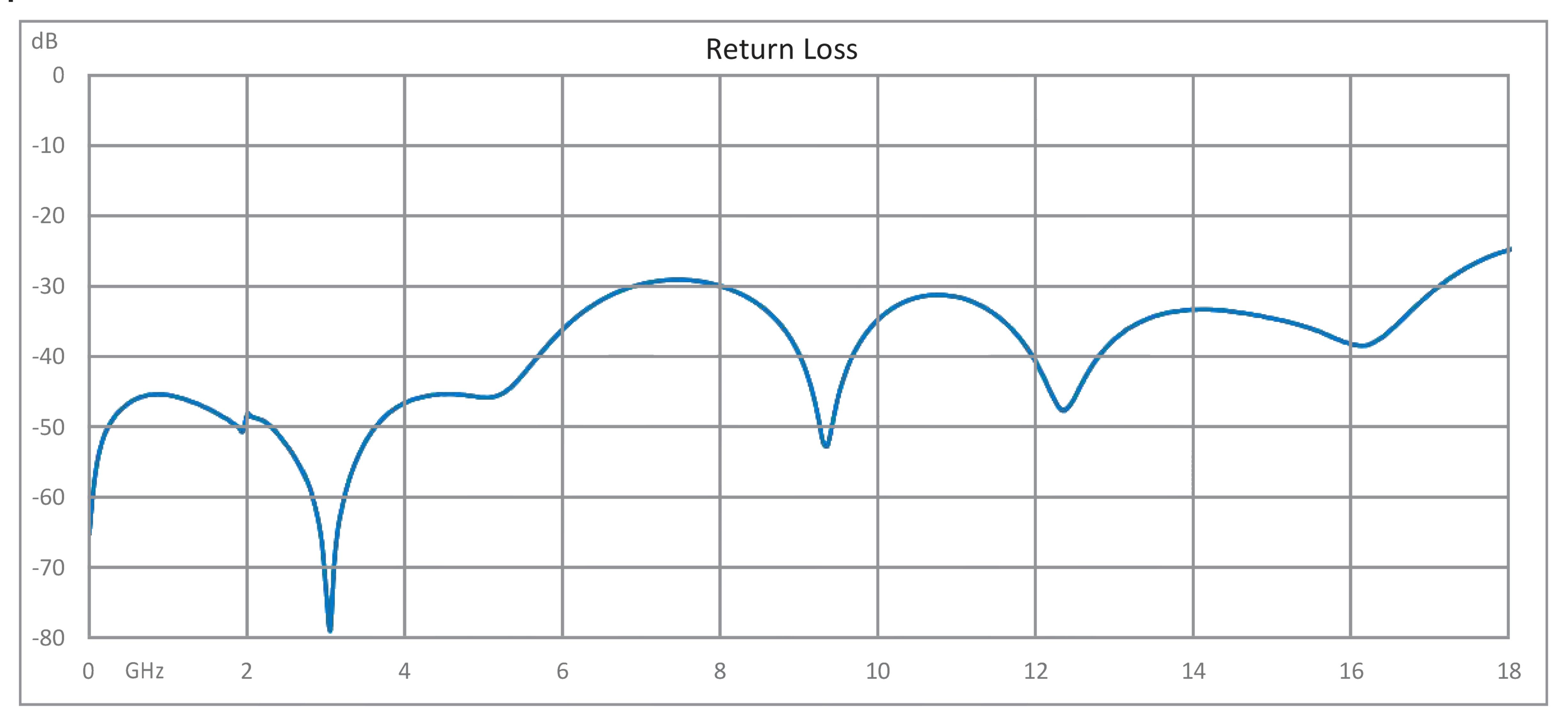


Precision SMA Male to N Female 4 Hole Flange Mount Adapter



# RF Adapters Technical Data Sheet ET12583

### **Typical Performance Data**



Precision SMA Male to N Female 4 Hole Flange 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: Precision SMA Male to N Female 4 Hole Flange Adapter ET12583

**URL:** https://www.ebeestock.com/precision-sma-male-to-n-female-4-hole-flange-mount-adapter-00125

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.

ET12583 CAD Drawing
Precision SMA Male to N Female 4 Hole Flange Adapter

