



## RF Adapters Technical Data Sheet

ET1248

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## Configuration

- N Female Connector 1
- TNC Female Connector 2

### Features

- Max VSWR of 1.5:1 up to 3 GHz
- Type N interface compliant with MIL-STD-348A
- TNC interface compliant with MIL-STD-348A

- 50 Ohm
- Straight Body Geometry
- 30 µin minimum contact plating
- Gold Plated Brass Contact

## Applications

Allows Connection Between Series
 General Purpose Test

#### Description

Ebeestock's ET12486 type N female to TNC female adapter is part of our full line of RF components available for same-day shipping. Our type N to TNC adapter has a female to female gender configuration. ET12486 type N female to TNC female adapter operates to 3 GHz. The Ebeestock RF adapter provides good VSWR of 1.5:1 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			
Erequency Range	DC	3	GHz
VSWR		1.5:1	
Operating Voltage (AC)		500	Vrms

#### Mechanical Specifications

Size
Length
Width
Weight

1.102 in [27.99 mm] 0.625 in [15.88 mm] 0.051 lbs [23.13 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: N Female to TNC Female Adapter ET12486





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Description	Connector 1	Connector 2
Туре	N Female	TNC Female
Polarity	Standard	Standard
Interface Specification	MIL-STD-348A	MIL-STD-348A
Mating Cycles	500	500

#### Material Specifications

	Connector 1		Connector 2	
Description	Material	Plating	Material	Plating
Туре	N Female		TNC Female	
Contact	Brass	Gold	Brass	Gold
		30 µin minimum		30 µin minimum
Insulation	PTFE		PTFE	
Outer Conductor	Brass	Nickel	Brass	Nickel
		100 µin minimum		100 μin minimum

### **Environmental Specifications**

Temperature

Operating Range -65 to +165 deg C

Vibration MIL-STD-202, Method 204, Condition D Salt Spray MIL-STD-202, Method 101, Condition B

Compliance Certifications (see product page for current document)

#### Plotted and Other Data

Notes:

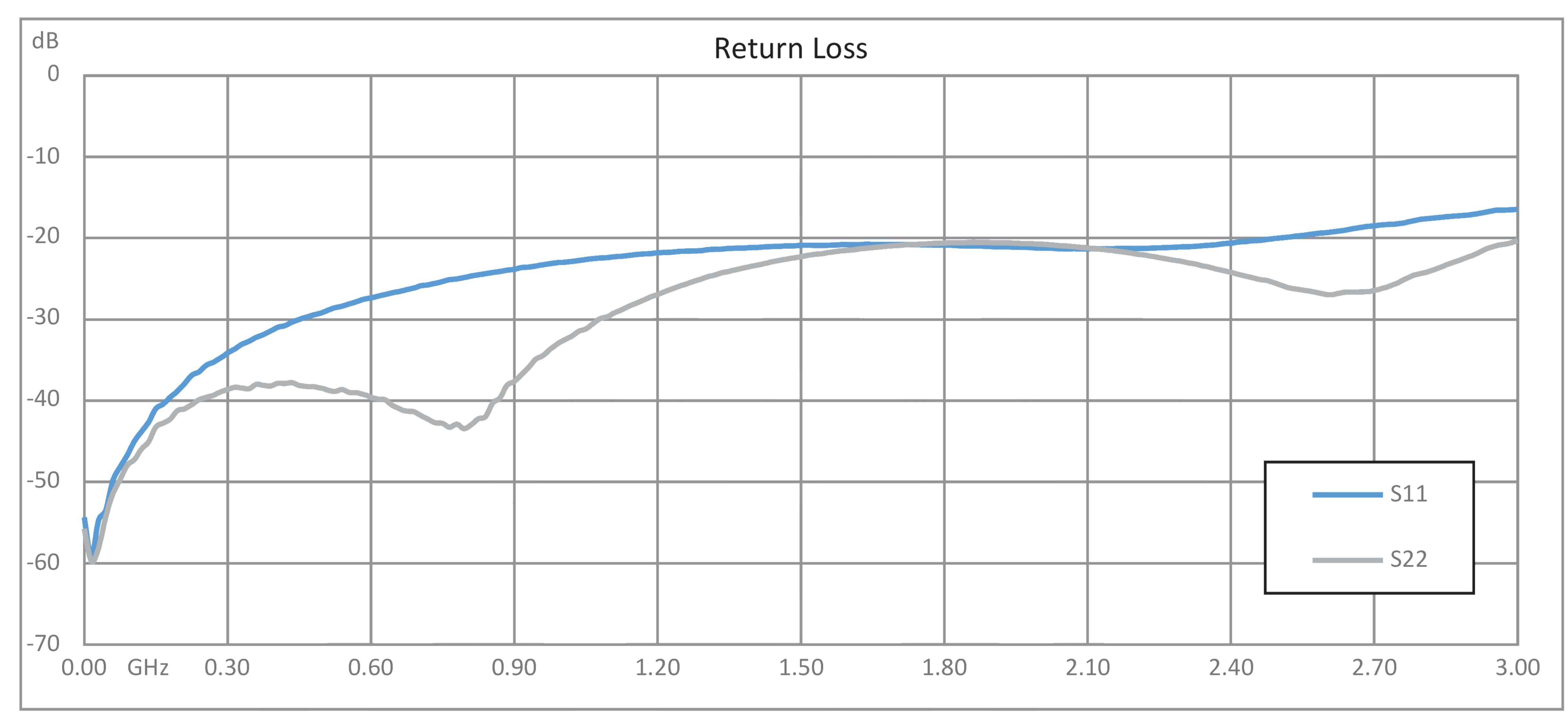
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: N Female to TNC Female Adapter ET12486

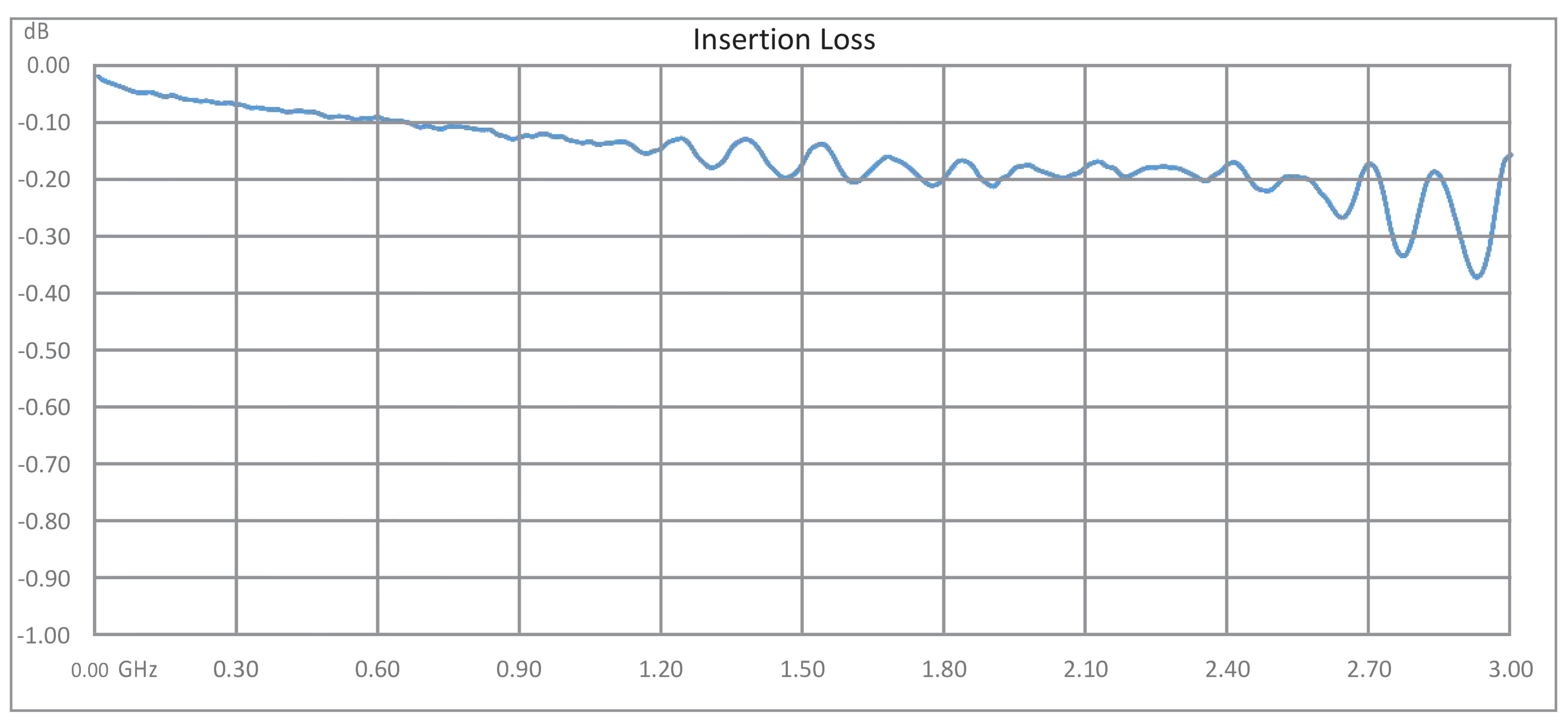




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#### Typical Performance Data





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N Female to TNC 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: N Female to TNC Female Adapter ET12486

URL: https://www.ebeestock.com/n-female-to-tnc-female-adapter-0012486

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.

