



# RF Adapters Technical Data Sheet

ET1251

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# Configuration

- N Female Connector 1
- N Male Connector 2

#### Features

- Typical VSWR of 1.4:1 up to 500 MHz
- N Interface compliant with MIL-C-39012

- 50 Ohms, 75 Ohms
- Straight Body Geometry

#### Gold Plated Brass Contact

• 3 µ-in min Gold Contact Plating

# Applications

General Purpose Test

#### Description

Ebeestock's ET12514 50 ohm type N female to 75 ohm type N male adapter is part of our full line of RF components available for same-day shipping. ET12514 type N female to type N male adapter operates to 500 MHz.

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	500	MHz
VSWR	1.4	<b>4:1</b>	

Electrical Specification Notes: Values at 25°C, sea level.

### Mechanical Specifications

Size Length Width Weight	1.39 in [35.31 mm] 0.827 in [21.01 mm] 0.116 lbs [52.62 g]		
Type Polarity Interface Specification	N Female Standard MIL-C-39012	N Male Standard MIL-C-39012	

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 50 Ohm N Female to 75 Ohm N Male Adapter ET12514

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#### Material Specifications

	Connector 1		nector 2
Material	Plating	Material	Plating
N Female		N Male	
Brass	Gold	Brass	Gold
	3 µ-in minimum		3 µ-in minimum
PTFE		PTFE	
Brass	Nickel		
	70 μ-in minimum		
		Brass	Nickel
			70 μ-in minimum
		Silicone	
		Brass	Nickel
			70 μ-in minimum
	N Female Brass PTFE	N Female  Brass Gold 3 μ-in minimum  PTFE  Brass Nickel	N Female  Brass Gold Brass 3 μ-in minimum  PTFE  Brass Nickel 70 μ-in minimum  Brass  Silicone

# **Environmental Specifications**Temperature

Operating Range

-65 to +165 deg C

Compliance Certifications (see product page for current document)

#### Plotted and Other Data

Notes:

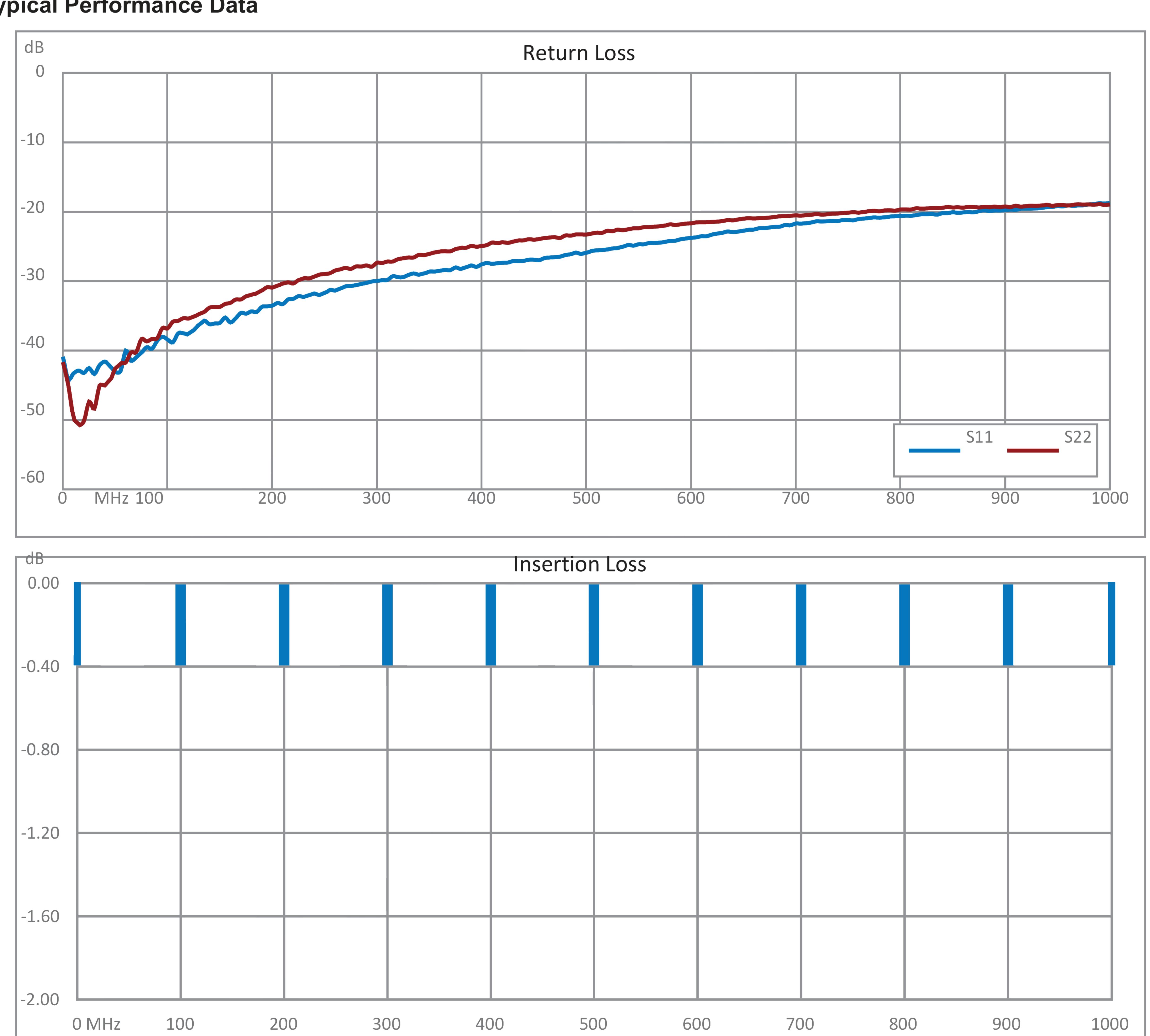
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 50 Ohm N Female to 75 Ohm N Male Adapter ET12514





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### Typical Performance Data



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50 Ohm N Female to 75 Ohm N Male 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: 50 Ohm N Female to 75 Ohm N Male Adapter ET12514

URL: https://www.ebeestock.com/50-ohm-n-female-to-75-ohm-n-male-adapter-0012514

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.

ET12514 CAD Drawing
50 Ohm N Female to 75 Ohm N Male Adapter

