



# RF Adapters Technical Data Sheet

ET1235

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### Configuration

- HN Male Connector 1
- HN Male Connector 2

#### Features

- Max VSWR of 1.4:1 up to 3 GHz
- HN interface compliant with MIL-STD-348A
- 50 Ohm
- Straight Body Geometry
- 30 µ-in minimum contact plating
- Gold Plated Brass Contact

# Applications

General Purpose Test

#### Description

Ebeestock's ET12355 HN male to HN male adapter is part of our full line of RF components available for same-day shipping. Our HN to HN adapter has a male to male gender configuration. ET12355 HN male to HN male adapter operates to 3 GHz. The Ebeestock RF adapter provides good VSWR of 1.4:1 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.

ctrical Specifications			
Erequency Range	DC	3	GHz
VSWR		1.4:1	
Operating Voltage (AC)		1,500	Vrms

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

#### Mechanical Specifications

Size

 Length
 2 in [50.8 mm]

 Width
 0.866 in [22 mm]

 Weight
 0.173 lbs [78.47 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: HN Male to HN Male Adapter ET12355

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Description	Connector 1	Connector 2
Туре	HN Male	HN Male
Polarity	Standard	Standard
Interface Specification	MIL-STD-348A	MIL-STD-348A

#### Material Specifications

	Con	Connector 1		Connector 2	
Description	Material	Plating	Material	Plating	
Туре	HN Male		HN Male		
Contact	Brass	Gold	Brass	Gold	
		30 µ-in minimum		30 µ-in minimum	
Insulation	PTFE		PTFE		
Body	Brass	Nickel	Brass	Nickel	
		100 μ-in minimum		100 μ-in minimum	
Gasket	Silicone		Silicone		
Coupling Nut	Brass	Nickel	Brass	Nickel	
		100 μ-in minimum		100 μ-in minimum	

#### **Environmental Specifications**

Temperature

Operating Range

-65 to +165 deg C

Compliance Certifications (see product page for current document)

# Plotted and Other Data

Notes:

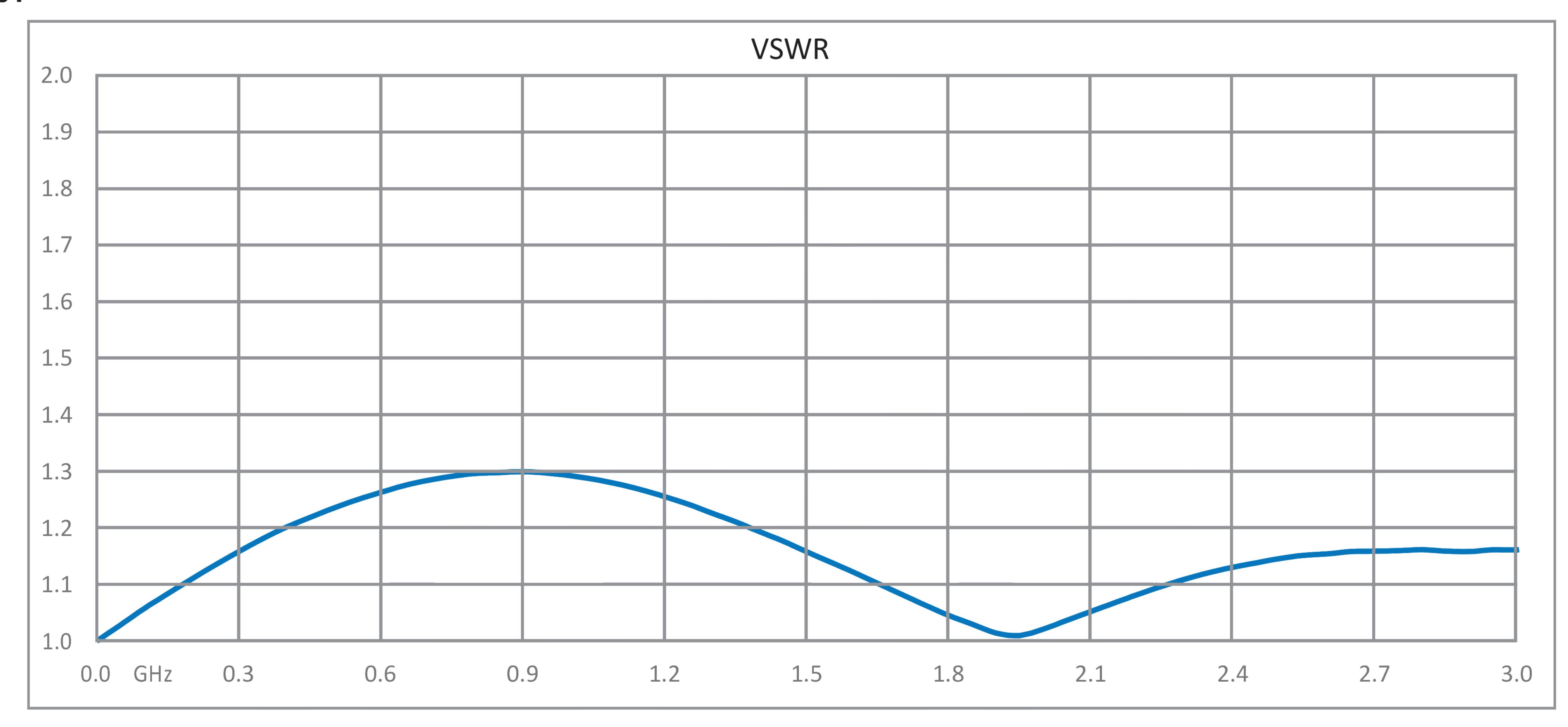
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: HN Male to HN Male Adapter ET12355

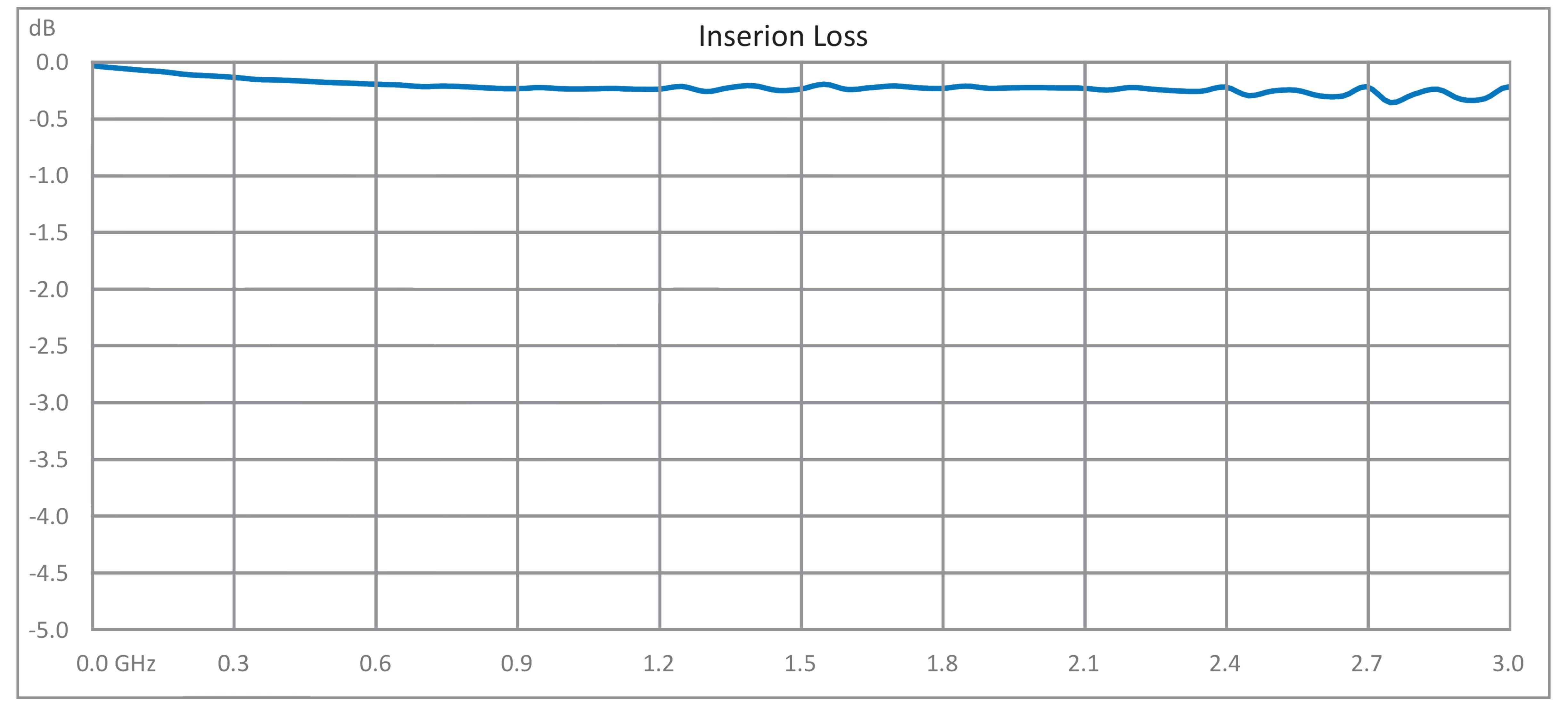




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#### Typical Performance Data





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HN Male to HN Male 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: HN Male to HN Male Adapter ET12355

URL: https://www.ebeestock.com/hn-male-to-hn-male-adapter-0012355

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.

# ET12355 CAD Drawing HN Male to HN Male Adapter

