



RF Adapters Technical Data Sheet

ET1214

3

Configuration

- BNC Female Connector 1
- BNC Female Connector 2
- 50 Ohm

- Straight Body Geometry
- 4 Hole Flange Mount Method

Features

- Max VSWR of 1.3:1 up to 4 GHz
- BNC interface compliant with MIL-STD-348A
- 30 µin minimum contact plating
- Gold Plated Brass Contact

Applications

General Purpose Test

Rack Mounted Equipment

Description

Ebeestock's ET12143 4 hole flange BNC female to BNC female adapter is part of our full line of RF components available for same-day shipping. Our BNC to BNC adapter has a female to female gender configuration. ET12143 BNC female to BNC female adapter operates to 4 GHz. The Ebeestock RF adapter provides good VSWR of 1.3:1 maximum. This RF BNC 4 hole flange to BNC 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.

ectrical Specifications				
Erequency Range	DC	4	GHz	
<u>VSWR</u>		1.3:1		
Operating Voltage (AC)		500	Vrms	
Dielectric Withstanding Voltage (AC)		1,500	Vrms	
Inner Conductor DC Resistance		1.5	mOhms	
Outer Conductor DC Resistance		1	mOhms	
Inculation Recictance	5.000		MOhme	

5,000

Mechanical Specifications

Insulation Resistance

Size

Length 1.28 in [32.51 mm] Width 0.689 in [17.5 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 4 Hole Flange Mount BNC Female to BNC Female Adapter ET12143

8th Floor, Building 1, Yongfu Science and Technology Center Industrial Park, Nanzha District 5, Humen,523900, Dongguan, Guangdong, China.

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Weight 0.038 lbs [17.24 g]

Connector 1	Connector 2	
BNC Female	BNC Female	
Standard	Standard	
MIL-STD-348A	MIL-STD-348A	
500	500	
	BNC Female Standard MIL-STD-348A	BNC Female Standard Standard MIL-STD-348A BNC Female Standard MIL-STD-348A

Material Specifications

	Connector 1		Connector 2	
Description	Material	Plating	Material	Plating
Туре	BNC Female		BNC 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:

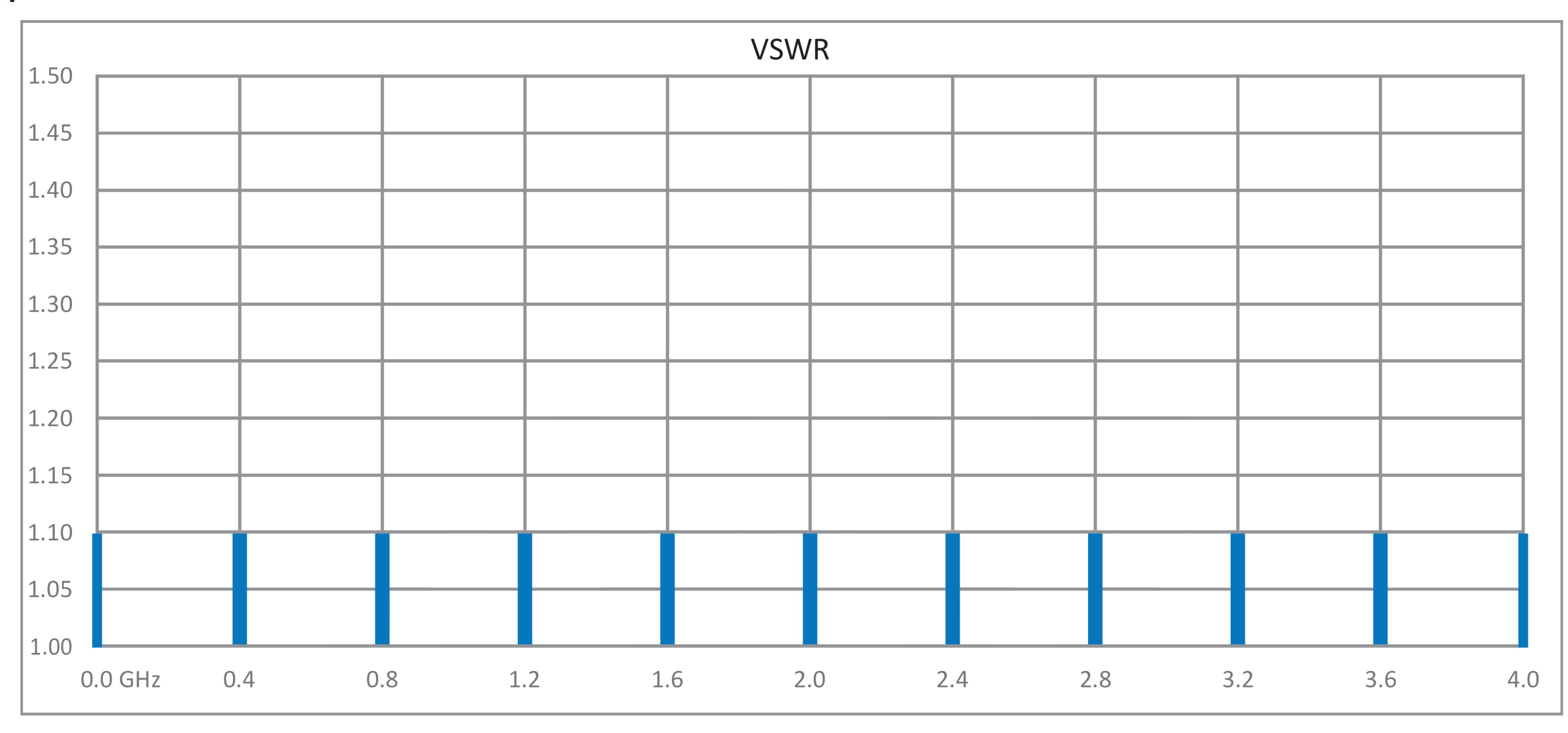
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 4 Hole Flange Mount BNC Female to BNC Female Adapter ET12143

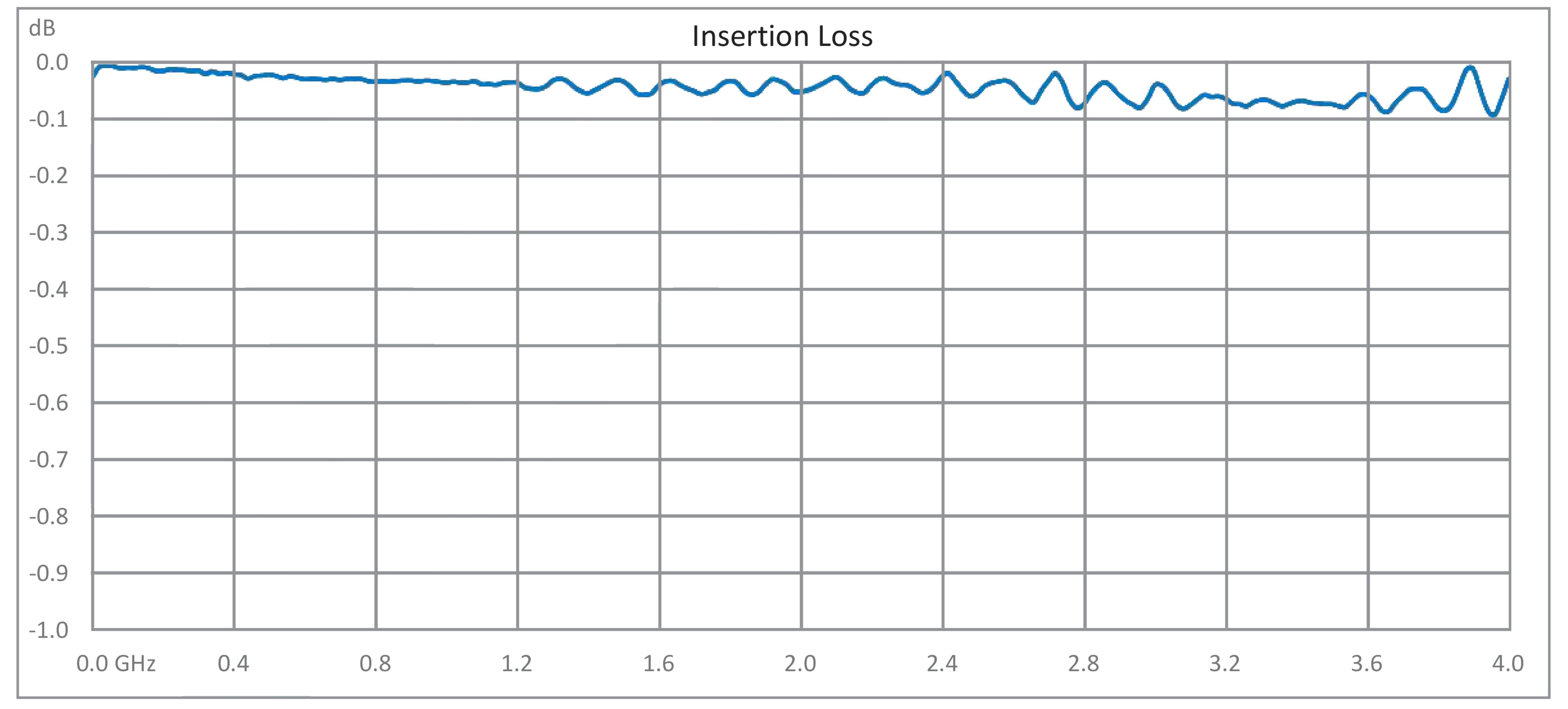




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Typical Performance Data





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4 Hole Flange Mount BNC Female to BNC 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: 4 Hole Flange Mount BNC Female to BNC Female Adapter ET12143

URL: https://www.ebeestock.com/4-hole-flange-mount-bnc-female-to-bnc-female-adapter-0012143

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.

ET12143 CAD Drawing
4 Hole Flange Mount BNC Female to BNC Female Adapter

