



RF Adapters Technical Data Sheet

ET12199

Configuration

- UHF Female Connector 1
- BNC Male Connector 2

- 50 Ohms
- Straight Body Geometry

Features

- Max VSWR of 1.3:1 up to 300 MHz
- Gold Plated Brass Contact

• 30 µ-in min Gold Contact Plating

Applications

Allows Connection Between Series

General Purpose Test

Description

Ebeestock's ET12199 UHF female to BNC male adapter is part of our full line of RF components available for same-day shipping. Our UHF to BNC adapter has a female to male gender configuration. ET12199 UHF female to BNC male adapter operates to 300 MHz. The Ebeestock RF adapter provides good VSWR of 1.3:1 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

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		300	MHz
VSWR		1.07:1	1.3:1	
Operating Voltage (AC)			500	Vrms
Dielectric Withstanding Voltage (AC)			1,500	Vrms
Inner Conductor DC Resistance			3	mOhms
Outer Conductor DC Resistance			2	mOhms
Insulation Resistance	5,000			MOhms

Mechanical Specifications

Size

 Length
 1.244 in [31.6 mm]

 Width
 0.625 in [15.88 mm]

 Weight
 0.048 lbs [21.77 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: UHF Female to BNC Male Adapter ET12199

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





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BNC Male
Standard
MIL-STD-348A
500
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Material Specifications

	Connector 1		Connector 2		
Description	Material	Plating	Material	Plating	
Туре	UHF Female		BNC Male		
Contact	Brass	Gold	Brass	Gold	
		30 µ-in minimum		30 µ-in minimum	
Insulation	PTFE		PTFE		
Outer Conductor	Brass	Nickel			
		100 μ-in minimum			
Body		Brass	Nickel		
				100 μ-in minimum	
Gasket			Silicone		
Coupling Nut		Brass	Nickel		
				100 μ-in 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:

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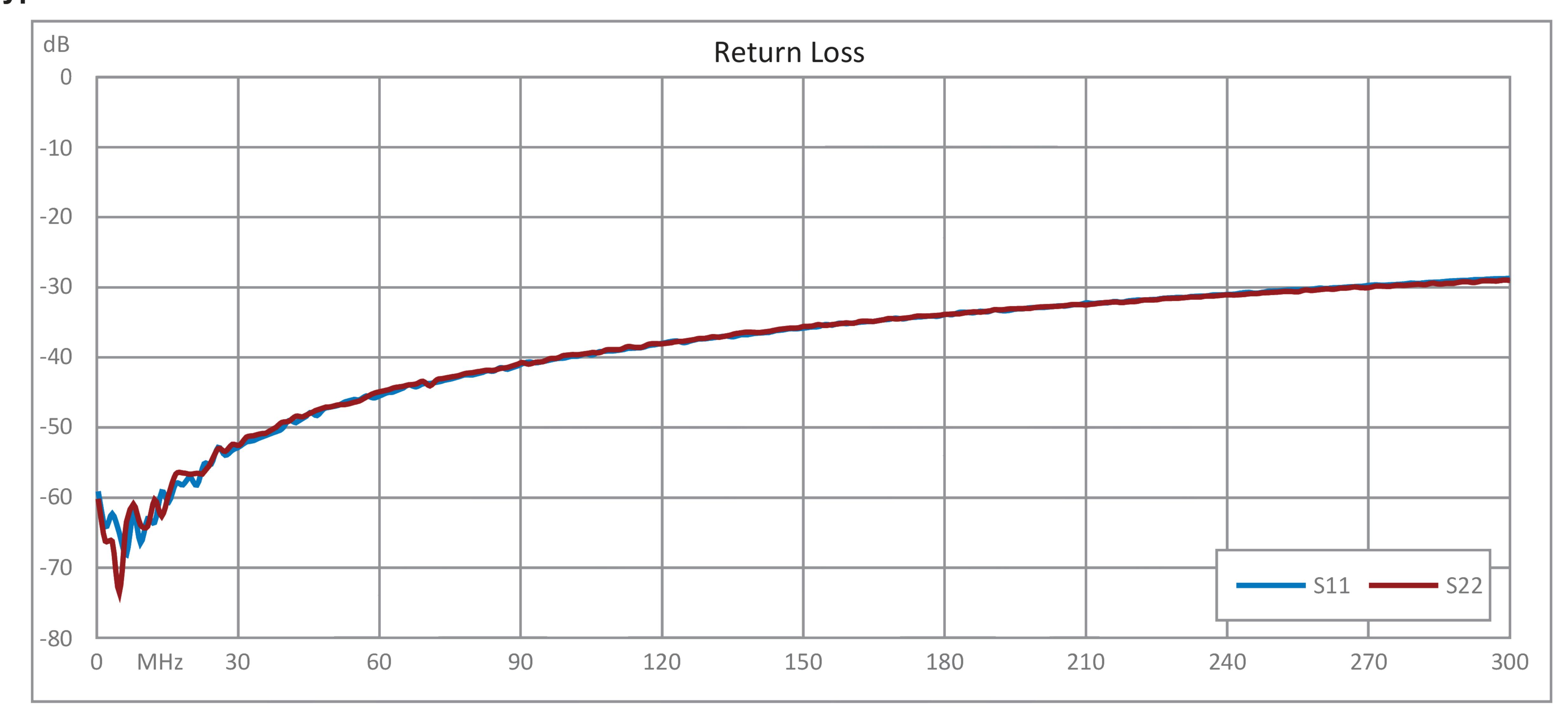


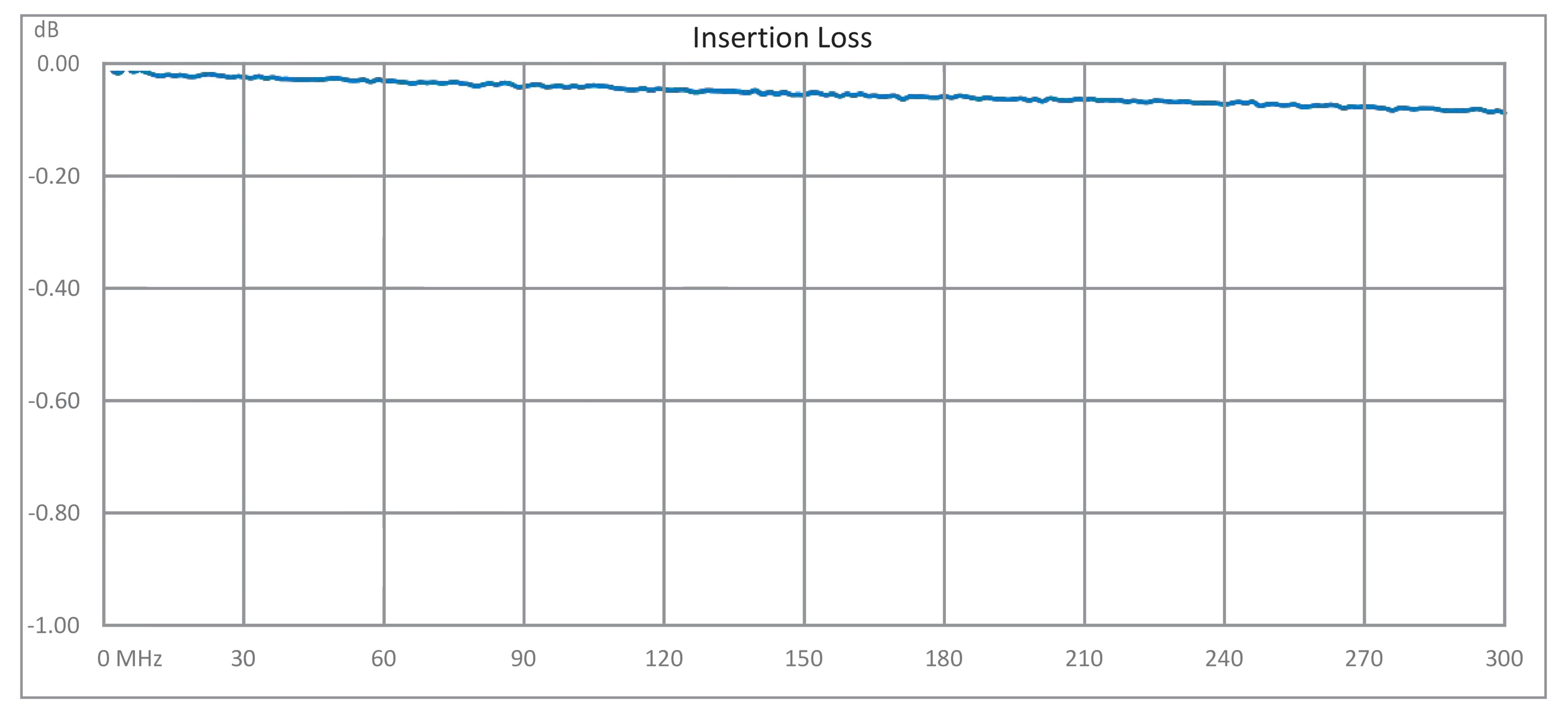


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Typical Performance Data





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UHF Female to BNC 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: UHF Female to BNC Male Adapter ET12199

URL: https://www.ebeestock.com/uhf-female-to-bnc-male-adapter-0012199

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.

ET12199 CAD Drawing UHF Female to BNC Male Adapter

