

BNC Tee Adapter Female-Male-Female



# RF Adapters Technical Data Sheet

ET1213

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## Configuration

- BNC Female Connector 1
- BNC Male Connector 2

- 50 Ohm
- Tee Body Geometry

#### Features

- BNC interface compliant with MIL-STD-348A
- 30 µin minimum contact plating

Gold Plated Brass Contact

## Applications

General Purpose Test

### Description

Ebeestock's ET12134 BNC Tee adapter female-male-female is part of our full line of RF components available for same-day shipping. Our BNC tee adapter has a female-male-female gender configuration. Our BNC tee connector operates to 4 GHz. Tee adapters (also called tee connectors) are three port devices that can be used to split or combine a signal. Unlike power dividers/combiners, however, they do not provide matched impedance at all ports.

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	4	GHz
Operating Voltage (AC)		500	Vrms
Dielectric Withstanding Voltage (AC)		1,500	Vrms
Inner Conductor DC Resistance		1.5	mOhms_
Outer Conductor DC Resistance		0.5	mOhms
Insulation Resistance	5,000		MOhms

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

### Mechanical Specifications

Size

 Length
 1.28 in [32.51 mm]

 Width
 0.571 in [14.5 mm]

 Height
 1.118 in [28.4 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: BNC Tee Adapter Female-Male-Female ET12134

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Weight 0.052 lbs [23.59 g]

Description	Connector 1	Connector 2
Type	BNC Female	BNC Male
Polarity	Standard	Standard
Interface Specification	MIL-STD-348A	MIL-STD-348A
Mating Cycles	500	500

### Material Specifications

	Connector 1		Con	nector 2
Description	Material	Plating	Material	Plating
Туре	BNC Female		BNC Male	
Contact	Brass	Gold	Brass	Gold
		30 µin minimum		30 µin minimum
Insulation	PTFE		PTFE	
Outer Conductor	Brass	Nickel		
		100 µin minimum		
Body			Brass	Nickel
				100 μin minimum
Coupling Nut			Brass	Nickel
				100 μin minimum

### **Environmental Specifications**

Temperature

Operating Range -65 to +165 deg C

Vibration

MIL-STD-202, Method 204, Condition B
Temperature Cycling

MIL-STD-202, Method 107, Condition B
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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BNC Tee Adapter Female-Male-Female 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.

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URL: https://www.ebeestock.com/bnc-tee-adapter-female-male-female-0012134

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.

