

50 Ohm BNC Female to 75 Ohm F Male Adapter



RF Adapters Technical Data Sheet

ET1214

B

Configuration

- BNC Female Connector 1
- F Male Connector 2

- 50 Ohm, 75 Ohm
- Straight Body Geometry

Features

- Max VSWR of 1.3:1 up to 500 MHz
- 30 µin minimum contact plating

Gold Plated Contact

Applications

- Allows Connection Between Series
- General Purpose Test

Description

Ebeestock's ET12148 50 ohm BNC female to 75 ohm type F male adapter is part of our full line of RF components available for same-day shipping. Our BNC to type F adapter has a female to male gender configuration. ET12148 BNC female to type F male adapter operates to 500 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.

ctrical Specifications			
Erequency Range	DC	500	MHz
VSWR		1.3:1	
Operating Voltage (AC)		500	Vrms

Mechanical Specifications

Size				
Length	1.354 in [34	.39 mm]		
Width	0.433 in [11			
Weight	0.034 lbs [1	0.034 lbs [15.42 g]		
T. (0.0	BNC Female			
Type	bivo remaie	F Male		
Polarity	Standard	Standard		
Hex Size		7/16 in.		

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 50 Ohm BNC Female to 75 Ohm F Male Adapter ET12148

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Material Specifications

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

-40 to +85 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

50 Ohm BNC Female to 75 Ohm F 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.

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URL: https://www.ebeestock.com/50-ohm-bnc-female-to-75-ohm-f-male-adapter-0012148

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.

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ET12148 CAD Drawing
50 Ohm BNC Female to 75 Ohm F Male Adapter

