

SMA Female to BNC Female Adapter



RF Adapters Technical Data Sheet

ET1224

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Configuration

- SMA Female Connector 1
- BNC Female Connector 2

Features

- Max VSWR of 1.25:1 up to 8 GHz
- SMA interface compliant with MIL-C-39012

- 50 Ohms
- Straight Body Geometry
- BNC interface compliant with MIL-C-39012
- Gold Plated Beryllium Copper Contact

Applications

• Allows Connection Between Series

General Purpose Test

Description

Ebeestock's ET12249 SMA female to BNC female adapter is part of our full line of RF components available for same-day shipping. The SMA connector mates mechanically with commercially available 3.5mm and 2.92mm (K) connectors. Our SMA to BNC adapter has a female to female gender configuration. ET12249 SMA female to BNC female adapter operates to 8 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.25:1 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			
Frequency Range	DC	8	GHz
VSWR		1.25:1	

Mechanical Specifications

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Size		
Length	1.275 in [32	2.39 mm]
Width	0.5 in [12.7	mm]
Weight	0.041 lbs [1	[8.6 g]
Type	SMA Female	BNC Female
Polarity	Standard	Standard
Interface Specification	MIL-C-39012	MIL-C-39012

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMA Female to BNC Female Adapter ET12249

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Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Туре	SMA Female		BNC Female	
Contact	Beryllium Copper	Gold	Beryllium Copper	Gold
Outer Conductor Pa	assivated Stainless Steel		Brass	Nickel

Environmental Specifications

Temperature

Operating Range

-65 to +125 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

Typical Performance Data



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SMA 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% availability and are part of the broadest selection in the industry.

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URL: https://www.ebeestock.com/sma-female-to-bnc-female-adapter-0012249

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.

ET12249 CAD Drawing SMA Female to BNC Female Adapter

