

N Female to BNC Male Adapter



RF Adapters Technical Data Sheet

ET1217

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Configuration

- N Female Connector 1
- BNC Male Connector 2

Features

- Max VSWR of 1.3:1 up to 4 GHz
- Type N interface compliant with MIL-STD-348A
- BNC interface compliant with MIL-STD-348A

- 50 Ohm
- Straight Body Geometry
- 30 µin minimum contact plating
- Gold Plated Brass Contact

Applications

Allows Connection Between Series
 General Purpose Test

Description

Ebeestock's ET12178 type N female to BNC male adapter is part of our full line of RF components available for same-day shipping. Our type N to BNC adapter has a female to male gender configuration. ET12178 type N female to BNC male adapter operates to 4 GHz. 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				
Frequency Range	DC	4	GHz	
VSWR		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	
Insulation Resistance	5,000		MOhms	

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

Mechanical Specifications

Size

Length Width

1.5 in [38.1 mm] 0.67 in [17.02 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: N Female to BNC Male Adapter ET12178

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



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Weight 0.0804 lbs [36.47 g]

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

Material Specifications

	Connector 1		Connector 2	
Description	Material	Plating	Material	Plating
Туре	N 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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N 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 99.4% availability and are part of the broadest selection in the industry.

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URL: https://www.ebeestock.com/n-female-to-bnc-male-adapter-0012178

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.

ET12178 CAD Drawing N Female to BNC Male Adapter

