

N Male to N Female Bulkhead Mount Adapter



RF Adapters Technical Data Sheet

ET1254

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Configuration

- N Male Connector 1
- N Female Connector 2
- 50 Ohms

- Straight Body Geometry
- Bulkhead Mount Method

Features

- Max VSWR of 1.3:1 up to 11 GHz
- N Interface compliant with MIL-STD-348A
- Silver Plated Beryllium Copper Contact
- 200 μ-in min Silver Contact Plating

Applications

General Purpose Test

Rack Mounted Equipment

Description

Ebeestock's ET12544 type N male to type N female bulkhead adapter is part of our full line of RF components available for same-day shipping. ET12544 type N male to type N female adapter operates to 11 GHz. The Ebeestock RF adapter provides good VSWR of 1.3:1 maximum. This RF type N to type N bulkhead adapter allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

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	11	GHz
VSWR		1.3:1	
Operating Voltage (AC)		500	Vrms

Mechanical Specifications

 Size

 Length
 1.725 in [43.82 mm]

 Width
 0.87 in [22.1 mm]

 Weight
 0.144 lbs [65.32 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: N Male to N Female Bulkhead Adapter ET12544



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Description	Connector 1	Connector 2
Type	N Male	N Female
Polarity	Standard	Standard
Interface Specification	MIL-STD-348A	MIL-STD-348A

Material Specifications

	Connector 1		Connector 2	
Description	Material	Plating	Material	Plating
Туре	N Male		N Female	
Contact	Beryllium Copper	Silver	Beryllium Copper	Silver
		200 μ-in minimum		200 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 SpecificationsTemperature

Operating Range

-65 to +165 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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N Male to N Female Bulkhead 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/n-male-to-n-female-bulkhead-mount-adapter-0012544

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. <a href="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.

ET12544 CAD Drawing N Male to N Female Bulkhead Adapter

