

Precision N Male to N Female Adapter



RF Adapters Technical Data Sheet

ET12492

Configuration

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

- Precision Design
- Straight Body Geometry

Features

• Max VSWR of 1.15:1 up to 18 GHz

Contact plating according to MIL-G-45204

Applications

Connector Saver

General Purpose Test

Precision Test & Measurement

Description

Ebeestock's ET12492 type N male to type N female adapter is part of our full line of RF components available for same-day shipping. Our type N to type N adapter has a male to female gender configuration built of durable stainless steel in a precision design. ET12492 type N male to type N female adapter operates to 18 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.15:1 maximum. The ET12492 Ebeestock RF adapter can also be used as a connector saver to extend equipment life.

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

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		18	GHz
VSWR			1.15:1	
Operating Voltage (AC)			1,000	Vrms
Dielectric Withstanding Voltage (AC)			2,500	Vrms
Insulation Resistance	5,000			MOhms

Mechanical Specifications

Size

Length 1.819 in [46.2 mm] Width 0.625 in [15.88 mm] Height 0.625 in [15.88 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Precision N Male to N Female Adapter ET12492

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Description	Connector 1	Connector 2	
Туре	N Male	N Female	
Polarity	Standard	Standard	
Mating Cycles	500	500	

Material Specifications

	Connector 1		Connector 2		
Description	on Material	Plating	Material	Plating	
Туре	N Male		N Female		
Contact	Brass	Gold over Nickel	Beryllium Copper	Gold over Nickel	
		MIL-G-45204		MIL-G-45204	
Insulation	Noryl		Noryl		
Outer Conduct	or	Passivated Stainless Steel			
Body	Passivated Stainless Steel	Passivated Stainless Steel			
Coupling Nut	Passivated Stainless Steel				

Environmental Specifications

Temperature

Operating Range

-65 to +125 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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
ET12492

Precision N Male to N Female 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/precision-n-male-to-n-female-adapter-0012492

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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