

RP-N Male to RP-N Male Adapter



RF Adapters Technical Data Sheet

ET1255

3

Configuration

- N Male Reverse Polarity Connector 1
- N Male Reverse Polarity Connector 2

Features

- Max VSWR of 1.2:1 up to 4 GHz
- Silver Plated Beryllium Copper Contact

• Silver Pl

Applications

General Purpose Test

- 50 Ohms
- Straight Body Geometry
- 3µm min Silver Contact Plating

Description

Ebeestock's ET12553 reverse polarity type N male to reverse polarity type N male adapter is part of our full line of RF components available for same-day shipping. Our reverse polarity type N to reverse polarity type N adapter has a male to male gender configuration. ET12553 reverse polarity type N male to reverse polarity type N male adapter operates to 4 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.2:1 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				
Erequency Range	DC	4	GHz	
VSWR		1.2:1		
Operating Voltage (AC)		1,000	Vrms	
Dielectric Withstanding Voltage (AC)		2,500	Vrms	

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

Mechanical Specifications

Size

 Length
 1.57 in [39.88 mm]

 Width
 0.83 in [21.08 mm]

 Weight
 0.137 lbs [62.14 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Reverse Polarity N Male to Reverse Polarity N Male Adapter ET12553

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Connector 1	Connector 2	
N Male	N Male	
Reverse Polarity	Reverse Polarity	
	N Male	N Male N Male

Material Specifications

Material			
	Plating	Material	Plating
V Male Reverse Polarity		N Male Reverse Polarity	
Beryllium Copper	Silver	Beryllium Copper	Silver
	3 µm minimum		3 µm minimum
PTFE		PTFE	
Brass	Nickel	Brass	Nickel
	2.5 µm minimum		2.5 µm minimum
Brass	Nickel	Brass	Nickel
	2.5 µm minimum		2.5 µm minimum
	Beryllium Copper PTFE Brass	Beryllium Copper Silver 3 µm minimum PTFE Brass Nickel 2.5 µm minimum Brass Nickel	Beryllium CopperSilverBeryllium Copper3 μm minimumPTFEPTFEPTFEBrassNickelBrass2.5 μm minimumBrass

Environmental Specifications

Temperature

Operating Range

-45 to +125 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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Reverse Polarity N Male to Reverse Polarity N 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.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Reverse Polarity N Male to Reverse Polarity N Male Adapter ET12553

URL: https://www.ebeestock.com/rp-n-male-to-rp-n-male-adapter-0012553

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.

ET12553 CAD Drawing
Reverse Polarity N Male to Reverse Polarity N Male Adapter

