

Low PIM 4.3-10 Male to N Female Adapter



# RF Adapters Technical Data Sheet

ET12033

# Configuration

- 4.3-10 Male Connector 1
- N Female Connector 2
- 50 Ohm

## Low PIM Design

Straight Body Geometry

### Features

- Max VSWR of 1.08:1 up to 6 GHz
- PIM levels lower than -166 dBc
- Silver Plated Bronze Contact

- Low Coupling Torque
- Corrosion Resistant Tri-Metal Finish

# Applications

- Allows Connection Between Series
- General Purpose Test
- Low PIM Applications
- Mobile Communications Systems
- Base Stations
- Distributed Antenna Systems (DAS)
- Small Cells

## Feeder Cables

### Description

Ebeestock's ET12033 4.3-10 male to type N female adapter is part of our full line of RF components available for same-day shipping. Our 4.3-10 to type N adapter has a male to female gender configuration in a low PIM design. ET12033 4.3-10 male to type N female adapter operates to 6 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.08:1 maximum and passive intermodulation of -166 dBc 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

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		6	GHz
VSWR			1.08:1	
Insertion Loss			0.13	dB
Passive Intermodulation			-166	dBc
Operating Voltage (AC)			1,000	Vrms
Dielectric Withstanding Voltage (AC)			2,000	Vrms
Insulation Resistance	5,000			MOhms

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Low PIM 4.3-10 Male to N Female Adapter ET12033



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## Mechanical Specifications

Size

 Length
 1.38 in [35.05 mm]

 Width
 0.96 in [24.38 mm]

 Weight
 0.12 lbs [54.43 g]

Description	Connector 1	Connector 2	
Type	4.3-10 Male	N Female	
Polarity	Standard	Standard	
Mating Cycles	100	100	
Hex Size	22 mm		
Contact Retention Force, Min	6 lbs [2.72 Kg]	6 lbs [2.72 Kg]	

#### Material Specifications

Description	Connector 1		Conne	ector 2
	Material	Plating	Material	Plating
Туре	4.3-10 Male		N Female	
Contact	Bronze	Silver	Bronze	Silver
Insulation	PTFE		PTFE	
Outer Conductor			Brass	Tri-Metal
Body	Brass	Tri-Metal	Brass	Tri-Metal
Gasket	Silicone			
Coupling Nut	Brass	Tri-Metal		

## **Environmental Specifications**

Temperature

Operating Range -55 to +90 deg C

Compliance Certifications (see product page for current document)

# Plotted and Other Data

Notes:

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Low PIM 4.3-10 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.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Low PIM 4.3-10 Male to N Female Adapter ET12033

URL: https://www.ebeestock.com/low-pim-4-3-10-male-to-n-female-adapter-0012033

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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# ET12033 CAD Drawing Low PIM 4.3-10 Male to N Female Adapter

