Low PIM N Male to 4.3-10 Female Adapter

RF Adapters Technical Data Sheet

ET12049

Configuration

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

Features

- Max VSWR of 1.08:1 up to 6 GHz
- PIM levels lower than -166 dBc
- Silver Plated Beryllium Copper Contact
- Low PIM Design
- Straight Body Geometry
- 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 ET12049 type N male to 4.3-10 female adapter is part of our full line of RF components available for same-day shipping. Our type N to 4.3-10 adapter has a male to female gender configuration in a low PIM design. ET12049 type N male to 4.3-10 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)			2,500	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 N Male to 4.3-10 Female Adapter ET12049

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

Webstie:www.ebeestock.com Email:sales@ebeestock.com

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Mechanical Specifications

Size

Length	1.54 in [39.12 mm]
Width	0.83 in [21.08 mm]
Weight	0.117 lbs [53.07 g]

Description	Connector 1	Connector 2
Type	N Male	4.3-10 Female
Polarity	Standard	Standard
Mating Cycles	100	100
Hex Size	18 mm	18 mm
Contact Retention Force, Min	6 lbs [2.72 Kg]	6 lbs [2.72 Kg]

Material Specifications

	Connector 1		Connector 2	
Description	Material	Plating	Material	Plating
Type	N Male		4.3-10 Female	
Contact	Beryllium Copper	Silver	Beryllium Copper	Silver
Insulation	PTFE		PTFE	
Outer Conductor			Bronze	Silver
Body	Brass	Tri-Metal	Brass	Tri-Metal
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 N Male to 4.3-10 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 N Male to 4.3-10 Female Adapter ET12049

URL: https://www.ebeestock.com/low-pim-n-male-to-4-3-10-female-adapter-0012049

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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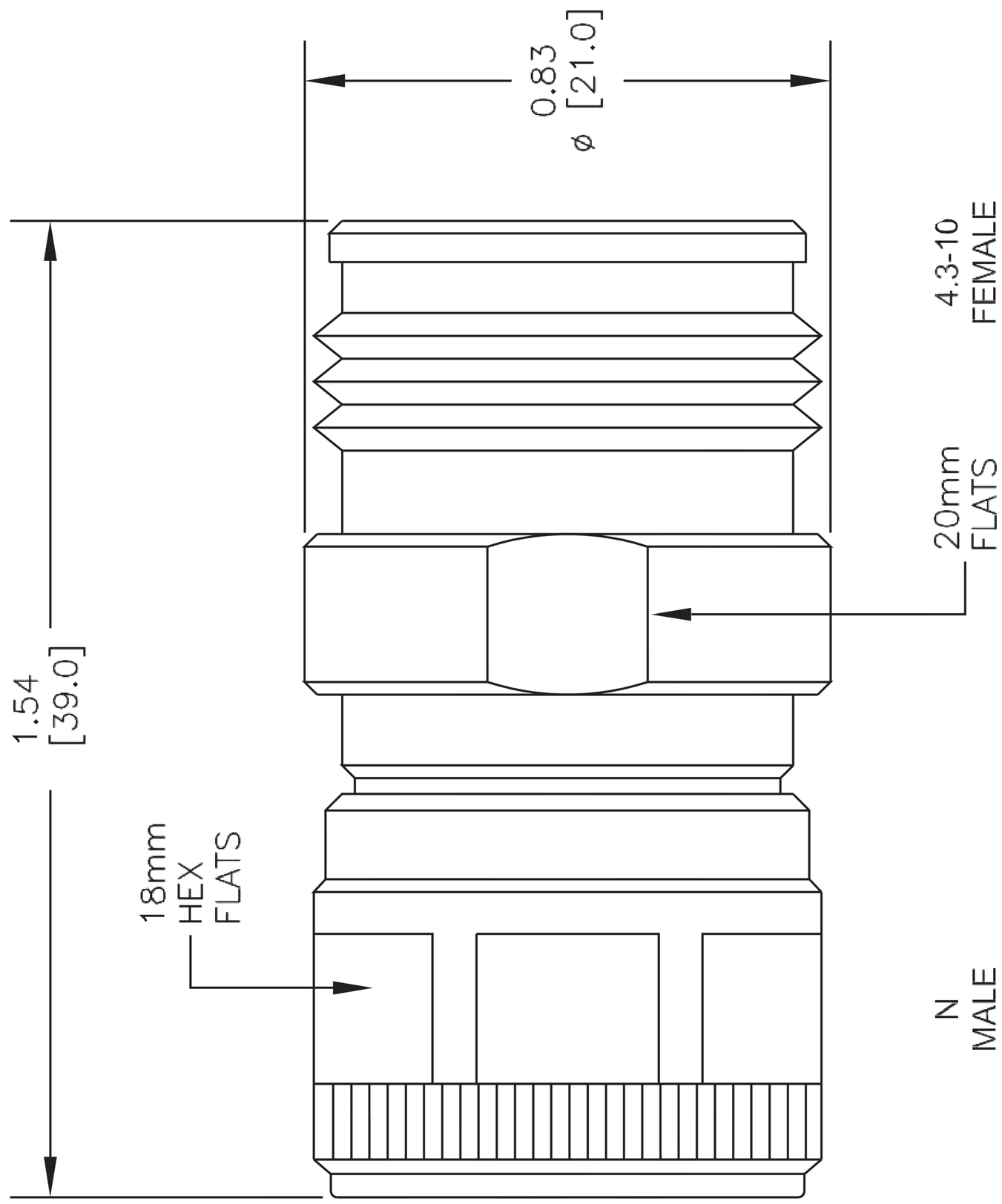
ET12049 CAD Drawing

Low PIM N Male to 4.3-10 Female Adapter



STANDARD TOLERANCES	
.X	±0.2
.XX	±0.1
.XXX	±0.05

*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

NOTES:
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
3. DIMENSIONS ARE IN INCHES [mm].

DWG TITLE
ET12049

CAGE CODE 53919

CAD FILE 111616

SCALE N/A

SIZE A

2233

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