

Low PIM 7/16 DIN Male to 4.3-10 Female Adapter



RF Adapters Technical Data Sheet

ET12050

Configuration

- 7/16 DIN Male Connector 1
- 4.3-10 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 Beryllium Copper 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 ET12050 7/16 DIN male to 4.3-10 female adapter is part of our full line of RF components available for same-day shipping. Our 7/16 DIN to 4.3-10 adapter has a male to female gender configuration in a low PIM design. ET12050 7/16 DIN 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

Minimum	Typical	Maximum	Units
DC		6	GHz
		1.08:1	
		0.13	dB
		-166	dBc
		1,000	Vrms
		2,500	Vrms
5,000			MOhms
	DC	DC	DC 6 1.08:1 0.13 -166 1,000 2,500

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Low PIM 7/16 DIN Male to 4.3-10 Female Adapter ET12050



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Mechanical Specifications

Size

 Length
 1.5 in [38.1 mm]

 Width
 1.38 in [35.05 mm]

 Weight
 0.2297 lbs [104.19 g]

16 DIN Male Standard 100	4.3-10 Female Standard 100
100	100
32 mm	
221 in-lbs [24.97 Nm] min	
lhs [19 96 ka]	6 lbs [2.72 kg]
_	os [24.9/ Nm] mi lbs [19.96 kg]

Material Specifications

	Connector 1		Connector 2		
Description	Material	Plating	Material	Plating	
Туре	7/16 DIN 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	
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 7/16 DIN 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 7/16 DIN Male to 4.3-10 Female Adapter ET12050

URL: https://www.ebeestock.com/low-pim-7-16-din-male-to-4-3-10-female-adapter-0012050

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.

ET12050 CAD Drawing
Low PIM 7/16 DIN Male to 4.3-10 Female Adapter

