

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



# RF Adapters Technical Data Sheet

ET12057

## Configuration

- 7/16 DIN Female Connector 1
- QD 4.3-10 Female Connector 2
- 50 Ohm

### Features

- Max VSWR of 1.2:1 up to 6 GHz
- PIM levels lower than -163 dBc
- (DAS)
- Small Cells

- Low PIM Design
- Straight Body Geometry
- Silver Plated Beryllium Copper Contact
- Quick Disconnect (QD) on the 4.3-10 Interface

## Applications

- Allows Connection Between Series
- General Purpose Test
- Low PIM Applications
- Mobile Communications Systems
- Base Stations
- Distributed Antenna Systems

Feeder Cables

### Description

Ebeestock's ET12057 7/16 DIN female to 4.3-10 female QD 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 female to female gender configuration in a low PIM design. ET12057 7/16 DIN female to 4.3-10 female adapter operates to 6 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.2:1 maximum and passive intermodulation of -163 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
		1.2:1	
		-163	dBc
			DC 6 1.2:1

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

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 Female to 4.3-10 Female QD Adapter ET12057



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# Mechanical Specifications

Size

Description	Connector 1	Connector 2
Туре	7/16 DIN Female	4.3-10 Female
Polarity	Standard	Standard
Mating Cycles	500	500

#### Material Specifications

	Connector 1		Connector 2		
Description	Material	Plating	Material	Plating	
Туре	7/16 DIN Female		QD 4.3-10 Female		
Contact	Beryllium Copper	Silver	Beryllium Copper	Silver	
Insulation	PTFE		PTFE		
Outer Conductor	Bronze	Tri-Metal	Bronze	Tri-Metal	
Body	Brass	Tri-Metal	Brass	Tri-Metal	

# Environmental Specifications

Temperature

Operating Range

-40 to +155 deg C

Compliance Certifications (see product page for current document)

### Plotted and Other Data

Notes:

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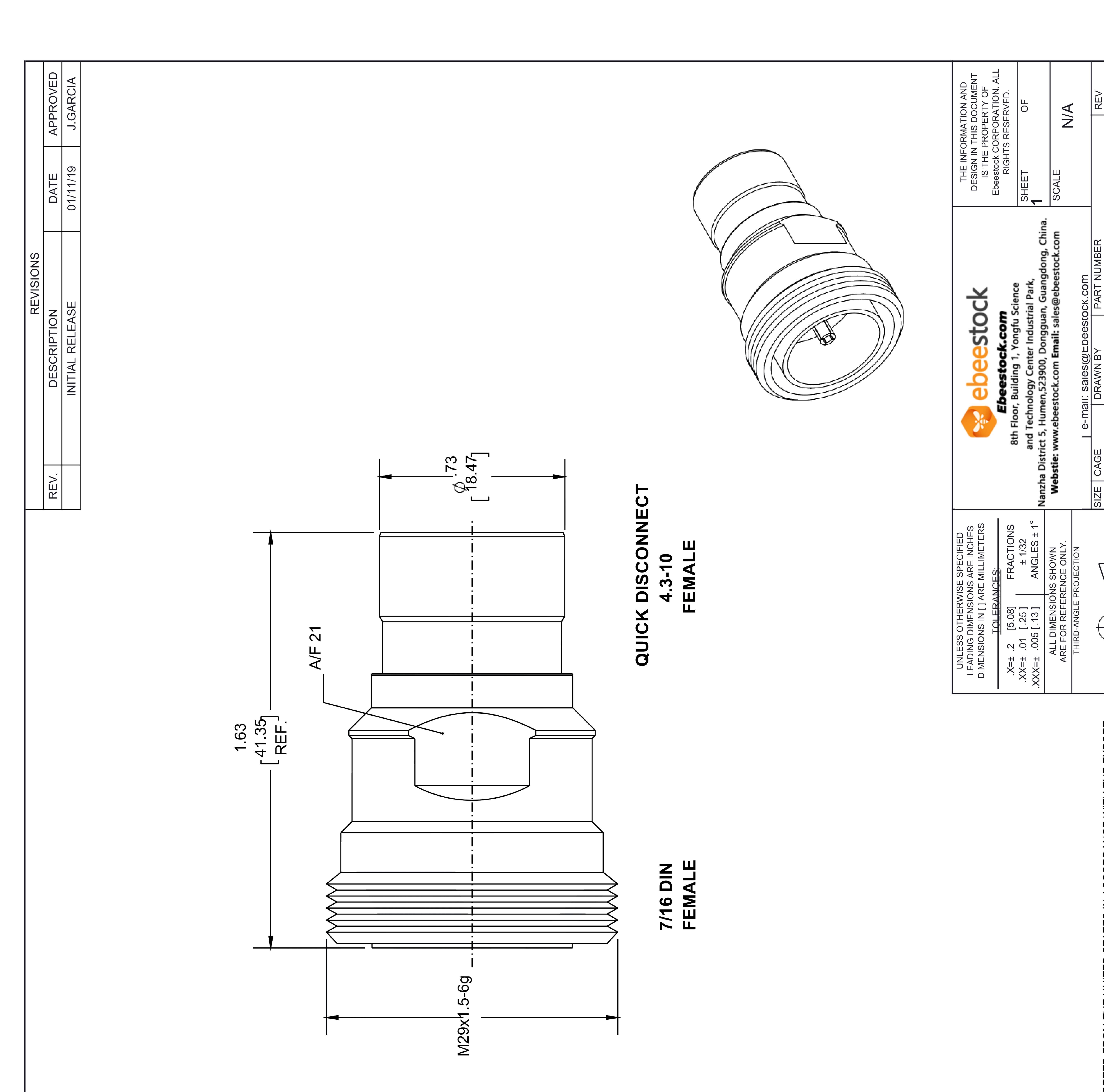
ET12057

Low PIM 7/16 DIN Female to 4.3-10 Female QD 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 Female to 4.3-10 Female QD Adapter ET12057

URL: https://www.ebeestock.com/low-pim-7-16-din-female-to-4-3-10-female-qd-adapter-0012057

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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