

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



## RF Adapters Technical Data Sheet

ET12054

### Configuration

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

- Low PIM Design
- Straight Body Geometry

### Features

- Max VSWR of 1.2:1 up to 6 GHz
- PIM levels lower than -163 dBc

Silver Plated Beryllium Copper Contact

### 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 ET12054 7/16 DIN female to 4.3-10 male 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 male gender configuration in a low PIM design. ET12054 7/16 DIN female to 4.3-10 male 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

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		6	GHz
VSWR			1.2:1	
Passive Intermodulation			-163	dBc

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 Male Adapter ET12054

www.ebeestock.com



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# Mechanical Specifications

Size

Description	Connector 1	Connector 2	
Type	7/16 DIN Female	4.3-10 Male	
Polarity	Standard	Standard	
Mating Cycles	500	500	
Mating Torque	88.5 in-lbs 10.00 Nm min		

### Material Specifications

	Connector 1		Connector 2	
Description	Material	Plating	Material	Plating
Туре	7/16 DIN Female		4.3-10 Male	
Contact	Beryllium Copper	Silver	Beryllium Copper	Silver
Insulation			PTFE	
Outer Conductor	Brass	Tri-Metal		
Body	Brass	Tri-Metal	Brass	Tri-Metal
Gasket			Silicone Rubber	
Coupling Nut			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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8th Floor, Building 1, Yongfu Science and Technology Center Industrial Park, Nanzha District 5, Humen,523900, Dongguan, Guangdong, China.



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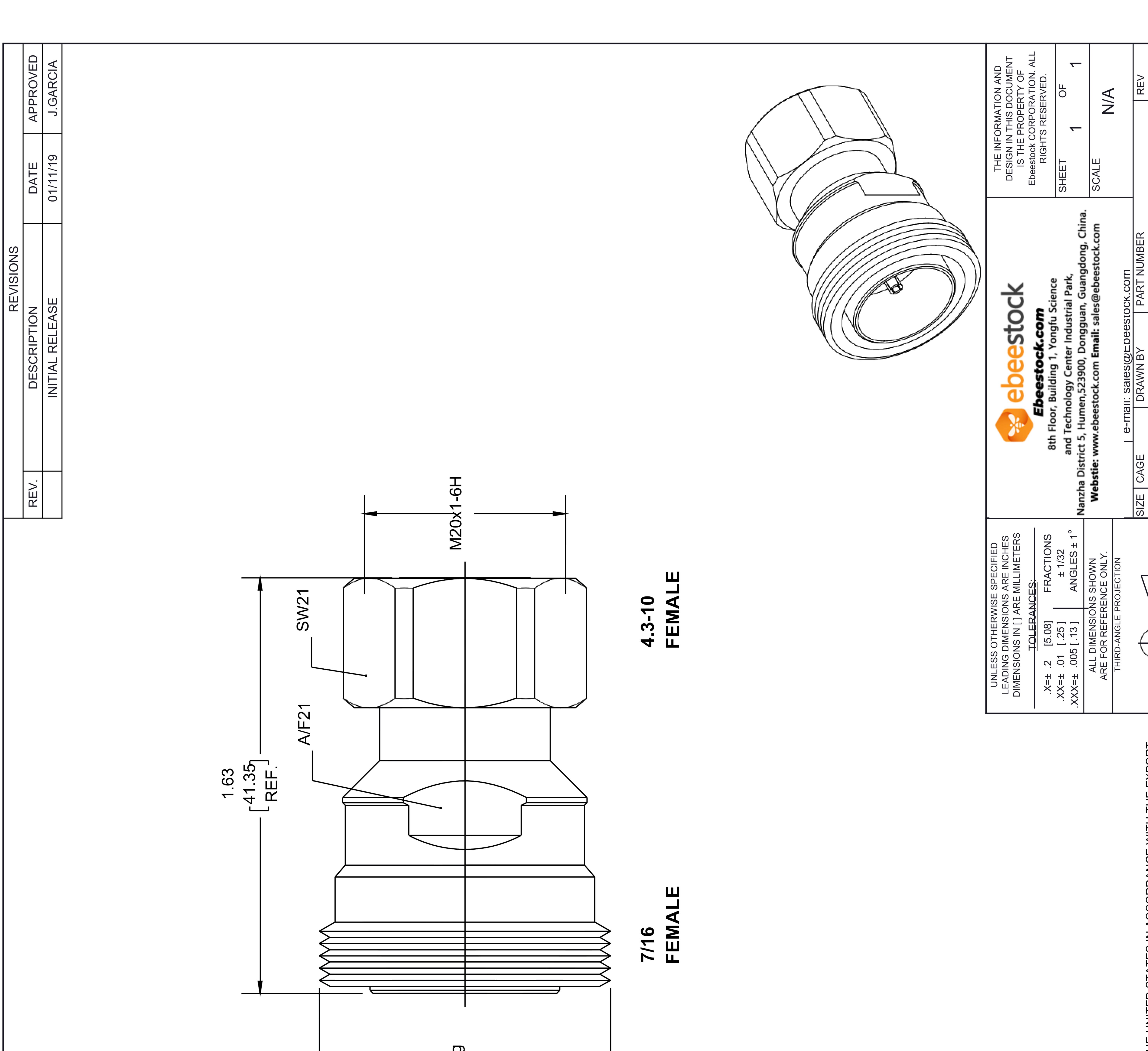
ET12054

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

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URL: https://www.ebeestock.com/low-pim-7-16-din-female-to-4-3-10-male-adapter-0012054

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