

7/16 DIN Male to 7/16 DIN Female Right Angle Adapter



# RF Adapters Technical Data Sheet

ET12064

## Configuration

- 7/16 DIN Male Connector 1
- 7/16 DIN Female Connector 2

- 50 Ohm
- Right Angle Body Geometry

#### Features

- Max VSWR of 1.25:1 up to 6 GHz
- Silver Plated Brass Contact

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## Applications

General Purpose Test

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## Description

Ebeestock's ET12064 7/16 DIN male to 7/16 DIN female right angle adapter is part of our full line of RF components available for same-day shipping. Our 7/16 DIN to 7/16 DIN adapter has a male to female gender configuration. ET12064 7/16 DIN male to 7/16 DIN female adapter operates to 6 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.25:1 maximum. This right angle 7/16 DIN to 7/16 DIN adapter allows for easier connections in tight spaces.

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			1.25:1	
Input Power (CW)		730 Watts		
Input Power (Peak)			40	KWatts

## Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 1	1 to 2	2 to 3	3 to 4	4 to 6	GHz
Input Power (CW), Max	1.8	1.27	1.04	800	730	KWatts

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: 7/16 DIN Male to 7/16 DIN Female Right Angle Adapter ET12064



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## Mechanical Specifications

Size

 Length
 2.16 in [54.86 mm]

 Width
 1.86 in [47.24 mm]

 Height
 1.26 in [32 mm]

 Weight
 0.824 lbs [373.76 g]

Description	Connector 1	Connector 2
Type	7/16 DIN Male	7/16 DIN Female
Polarity	Standard	Standard
Hex Size	32 mm	
Mating Torque	221 to 265 in-lbs [24.97 to 29.95 Nm]	

### Material Specifications

	Connector 1		Connec	tor 2
Description	Material	Plating	Material	Plating
Туре	7/16 DIN Male		7/16 DIN Female	
Contact	Brass	Silver	Brass	Silver
Insulation	PTFE		PTFE	
Outer Conductor			Brass	Tri-Metal
Body	Brass	Tri-Metal		
Coupling Nut	Brass	Tri-Metal		

# **Environmental Specifications**

Temperature

Operating Range -40 to +120 deg C

Compliance Certifications (see product page for current document)

## Plotted and Other Data

Notes:

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www.ebeestock.com



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7/16 DIN Male to 7/16 DIN Female Right Angle 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: 7/16 DIN Male to 7/16 DIN Female Right Angle Adapter ET12064

URL: https://www.ebeestock.com/7-16-din-male-to-7-16-din-female-right-angle-adapter-0012064

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.

ET12064 CAD Drawing
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