

7-16 DIN Male to 2.2-5 Female Adapter, Low PIM



RF Adapters Technical Data Sheet

ET1209

Configuration

- 7/16 DIN Male Connector 1
- 2.2-5 Female Connector 2
- 50 Ohm

Features

- Max VSWR of 1.25:1 up to 8 GHz
- Typical PIM levels of -160 dBc
- VSWR of 1.25:1 max up to 8 GHz

- Low PIM Applications
- Mobile Communications Systems
- Base Stations
- Distributed Antenna Systems

- Low PIM Design
- Straight Body Geometry
- PIM levels better than -160 dBc
- Low Coupling Torque
- Corrosion Resistant Tri-Metal finish

Applications

- Allows Connection Between Series
- General Purpose Test
- Low PIM Applications
- Enables Between Series Connections
- General Purpose Test
- Feeder Cables

Small Cells

Description

Ebeestock's ET12092 7/16 DIN male to 2.2-5 female adapter is part of our full line of RF components available for sameday shipping. Our 7/16 DIN to 2.2-5 adapter has a male to female gender configuration in a low PIM design. ET12092 7/16 DIN male to 2.2-5 female adapter operates to 8 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.25:1 maximum and passive intermodulation of -160 dBc typical.

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				
Erequency Range	DC		8	GHz
VSWR			1.25:1	
Passive Intermodulation		-160		dBc
Dielectric Withstanding Voltage (AC)			750	Vrms

Mechanical Specifications

Length Width 1.38 in [35.05 mm]

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 2.2-5 Female Adapter, Low PIM ET12092

www.ebeestock.com

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



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Weight 0.21 lbs [95.25 g]

Description	Connector 1	Connector 2	
Type	7/16 DIN Male	2.2-5 Female	
Polarity	Standard	Standard	

Material Specifications

	Connec	tor 1	Connec	ctor 2
Description	Material	Plating	Material	Plating
Туре	7/16 DIN Male		2.2-5 Female	
Contact	Beryllium Copper	Silver		
Insulation	PTFE		PTFE	
Outer Conductor			Beryllium Copper	Silver
Body	Brass	Tri-Metal	Brass	Tri-Metal
Coupling Nut	Brass	Tri-Metal	Brass	Tri-Metal
Coupling Nut	Brass	I rı-Metal	Brass	Iri

Environmental Specifications

Temperature

Operating Range -40 to +155 °C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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7-16 DIN Male to 2.2-5 Female Adapter, Low PIM 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 2.2-5 Female Adapter, Low PIM ET12092

URL: https://www.ebeestock.com/7-16-din-male-to-2-2-5-female-adapter-low-pim-0012092

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.

