

7/16 DIN Male to SC Female Adapter



RF Adapters Technical Data Sheet

ET12083

Configuration

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

- 50 Ohm
- Straight Body Geometry

Features

- Max VSWR of 1.25:1 up to 7.5 GHz
- 7/16 DIN interface compliant with MIL-C-39012
- SC interface compliant with MIL-STD-348
- Contact plating according to MIL-G-45204
- Gold Plated Beryllium Copper Contact

Applications

Allows Connection Between Series

General Purpose Test

Description

Ebeestock's ET12083 7/16 DIN male to SC female adapter is part of our full line of RF components available for same-day shipping. Our 7/16 DIN to SC adapter has a male to female gender configuration. ET12083 7/16 DIN male to SC female adapter operates to 7.5 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.25:1 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

Units	Maximum	Typical	Minimum	Description
GHz	7.5		DC	Frequency Range
	1.25:1			VSWR
Vrms	1,000			Operating Voltage (AC)
Vrms	3,000			Dielectric Withstanding Voltage (AC)
MOhms			5,000	Insulation Resistance
			5,000	Insulation Resistance

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

Mechanical Specifications

Size

Length 1.75 in [44.45 mm]
Width 1.25 in [31.75 mm]
Weight 0.02322 lbs [10.53 g]

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 SC Female Adapter ET12083

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



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Connector 1	Connector 2
7/16 DIN Male	SC Female
Standard	Standard
MIL-C-39012	MIL-STD-348
500	
1 1/4 inch	
	7/16 DIN Male Standard MIL-C-39012 500

Material Specifications

	Connec	ctor 1	Conne	ctor 2
Description	Material	Plating	Material	Plating
Туре	7/16 DIN Male		SC Female	
Contact	Beryllium Copper	Gold	Beryllium Copper	Gold
		MIL-G-45204		MIL-G-45204
Insulation	PTFE		PTFE	
Outer Conductor			Brass	Nickel
				QQ-N-290
Body	Brass	Nickel		
		QQ-N-290		
Coupling Nut	Brass	Nickel		
		QQ-N-290		

Environmental SpecificationsTemperature

Operating Range

-65 to +165 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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7/16 DIN Male to SC 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.

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URL: https://www.ebeestock.com/7-16-din-male-to-sc-female-adapter-0012083

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.

