

MCX Plug to MCX Jack Adapter



RF Adapters Technical Data Sheet

ET1238

2

Configuration

- MCX Plug Connector 1
- MCX Jack Connector 2

- Max VSWR of 1.35:1 up to 6 GHz
- MCX Interface compliant with CECC 22 220
- 50 Ohms
- Straight Body Geometry
- Gold Plated Beryllium Copper Contact
- Contact Plating per MIL-G-45204

Applications

Features

Connector Saver

General Purpose Test

Description

Ebeestock's ET12382 MCX plug to MCX jack adapter is part of our full line of RF components available for same-day shipping. Our MCX to MCX adapter has a plug to jack gender configuration. ET12382 MCX plug to MCX jack adapter operates to 6 GHz. The Ebeestock RF adapter provides good VSWR of 1.35:1 maximum. The ET12382 Ebeestock RF adapter can also be used as a connector saver to extend equipment life.

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.

ctrical Specifications				
Frequency Range	DC	6	GHz	
VSWR		1.35:1		
Operating Voltage (AC)		350	Vrms	
Inner Conductor DC Resistance		5	mOhms	
Outer Conductor DC Resistance			mOhms	

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

Mechanical Specifications

Size

Length 0.623 in [15.82 mm] Width 0.185 in [4.7 mm] 0.006 lbs [2.72 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: MCX Plug to MCX Jack Adapter ET12382

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



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Description	Connector 1	Connector 2
Туре	MCX Plug	MCX Jack
Polarity	Standard	Standard
Interface Specification	CECC 22 220	CECC 22 220
Mating Cycles	500	500

Material Specifications

	Connector 1		Connector 2	
Description	Material	Plating	Material	Plating
Туре	MCX Plug		MCX Jack	
Contact	Beryllium Copper	Gold	Beryllium Copper	Gold
		MIL-G-45204		MIL-G-45204
Insulation	PTFE		PTFE	
Outer Conductor			Brass	Nickel
Body	Brass	Nickel		

Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

Vibration

MIL-STD-202, Method 204, Condition B

MIL-STD-202, Method 107, Condition B

Salt Spray

MIL-STD-202, Method 101, Condition B

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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MCX Plug to MCX Jack Adapter from Ebeestock Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

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URL: https://www.ebeestock.com/mcx-plug-to-mcx-jack-adapter-0012382

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.

ET12382 CAD Drawing MCX Plug to MCX Jack Adapter

