MCX Plug to MCX Jack Adapter

RF Adapters Technical Data Sheet   PE9479

Configuration
- MCX Plug Connector 1
- MCX Jack Connector 2
- 50 Ohms
- Straight Body Geometry

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

Applications
- Connector Saver
- General Purpose Test

Description

Pasternack's PE9479 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. PE9479 MCX plug to MCX jack adapter operates to 6 GHz. The Pasternack RF adapter provides good VSWR of 1.35:1 maximum. The PE9479 Pasternack 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. Pasternack 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			1.35:1	
Operating Voltage (AC)			350	Vrms
Inner Conductor DC Resistance			5	mOhms
Outer Conductor DC Resistance			1	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]
Weight	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 PE9479

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
Phone: (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
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Description	Connector 1	Connector 2
Type	MCX Plug	MCX Jack
Polarity	Standard	Standard
Interface Specification	CECC 22 220	CECC 22 220
Mating Cycles	500	500

Material Specifications

| Description | Connector 1 | | Connector 2 | |
	Material	Plating	Material	Plating
Type	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
Temperature Cycling   MIL-STD-202, Method 107, Condition B
Salt Spray   MIL-STD-202, Method 101, Condition B

Compliance Certifications (see product page for current document)
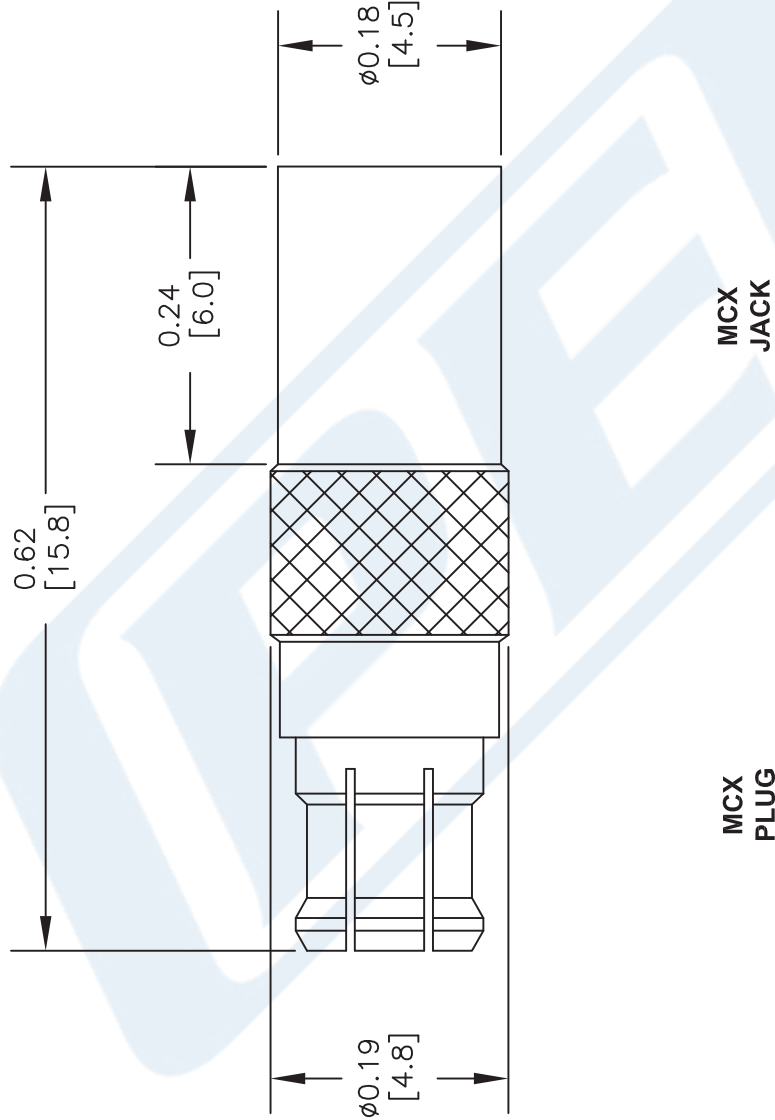
Plotted and Other Data
Notes:

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RF Adapters Technical Data Sheet   PE9479

MCX Plug to MCX Jack Adapter from Pasternack 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.

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 PE9479

URL: https://www.pasternack.com/mcx-plug-mcx-jack-straight-adapter-pe9479-p.aspx

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. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

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PE9479 CAD Drawing
MCX Plug to MCX Jack Adapter

MCX
JACK

MCX
PLUG

Ø0.18
[4.5]

0.24
[6.0]

0.62
[15.8]

Ø0.19
[4.8]

STANDARD TOLERANCES
.X   ±0.2
.XX   ±0.1
.XXX ±0.05

*STANDARD TOLERANCES APPLY
ONLY TO DIMENSIONS IN INCHES

DWG TITLE
PE9479

FSCM NO. 53919

NOTES:
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
3. DIMENSIONS ARE IN INCHES [mm].

CAD FILE   090816

SCALE N/A

SIZE A

41742