



## 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

<b>Size</b>	
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](#)



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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 MIL-G-45204	Beryllium Copper	Gold MIL-G-45204
Insulation	PTFE		PTFE	
Outer Conductor			Brass	Nickel
Body	Brass	Nickel		

#### Environmental Specifications

##### Temperature

Operating Range -65 to +165 deg C

##### Vibration

Temperature Cycling

Salt Spray

MIL-STD-202, Method 204, Condition B

MIL-STD-202, Method 107, Condition B

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 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.

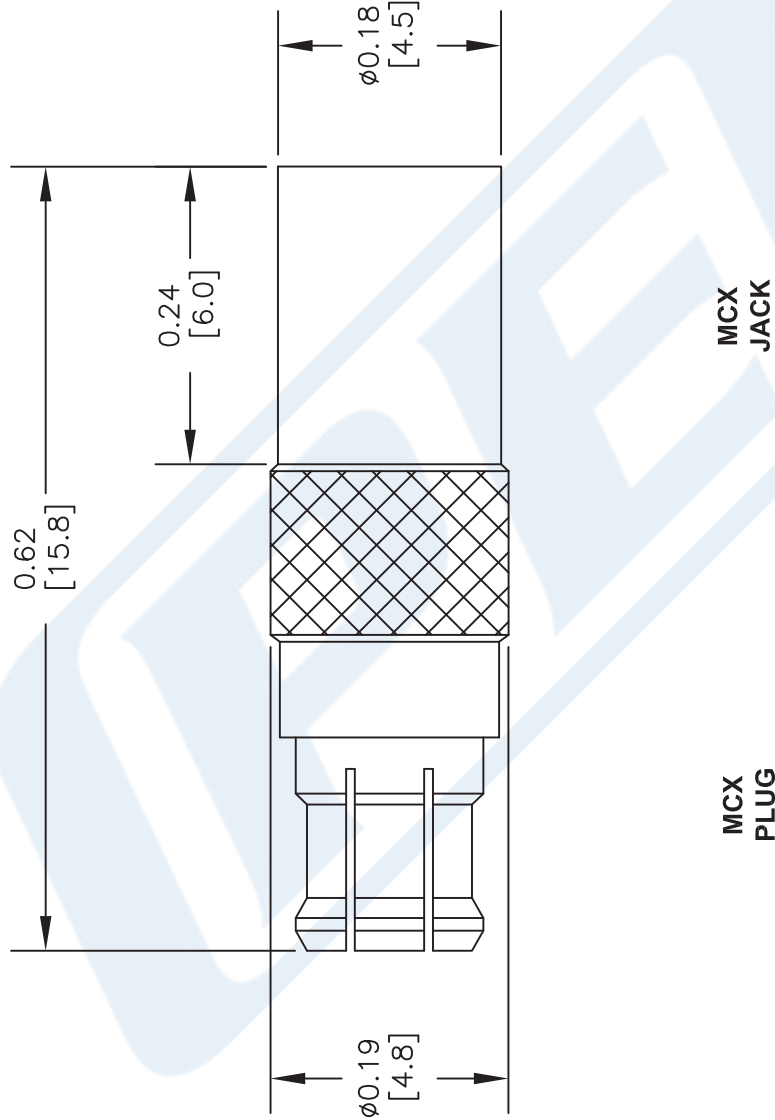
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [MCX Plug to MCX Jack Adapter PE9479](#)

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.

# PE9479 CAD Drawing

## MCX Plug to MCX Jack Adapter



### STANDARD TOLERANCES

.X ±0.2  
 .XX ±0.1  
 .XXX ±0.05

\*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES



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DWG TITLE

**PE9479**

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].

FSCM NO. 53919

CAD FILE 090816

SCALE N/A

SIZE A

41742