

MCX Jack Bulkhead Mount Connector Crimp/Solder Attachment for RG178, RG196, .177 inch D Hole



PE910033

Configuration

- MCX Jack Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: RG178, RG196
- Bulkhead

Features

- Max. Operating Frequency 6 GHz
- Good VSWR of 1.4:1
- Gold over Nickel over Copper Plated Beryllium Copper Contact

Applications

- General Purpose Test
- Rack and Panel Mount Applications
- Custom Cable Assemblies

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		6	GHz
VSWR			1.4:1	
Insertion Loss			0.529	dB
Operating Voltage (AC)			250	Vrms
Dielectric Withstanding Voltage (AC)			750	Vrms
Inner Conductor DC Resistance			5	mOhms
Outer Conductor DC Resistance			2.5	mOhms
Insulation Resistance	10,000			MOhms
Impedance		50		Ohms

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 1	1 to 3				GHz
Insertion Loss, Max	0.1	0.15				dB

Mechanical Specifications

Size

Length	0.591 in [15.01 mm]
Width	0.25 in [6.35 mm]
Height	0.25 in [6.35 mm]
Weight	0.01 lbs [4.54 g]
Mating Cycles	500 Cycles

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Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold over Nickel over Copper
Insulation	Teflon	
Body	Brass	Gold over Nickel over Copper
Crimp Sleeve	Copper	Gold over Nickel over Copper

Environmental Specifications

Temperature

Operating Range

-55 to +155 deg C

Humidity

MIL-STD-202, Method 106

Thermal Shock

MIL-STD-202, Method 107, Condition F

Salt Spray

MIL-STD-202, Method 101, Condition B

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

MCX Jack Bulkhead Mount Connector Crimp/Solder Attachment for RG178, RG196, .177 inch D Hole from Pasternack 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: [MCX Jack Bulkhead Mount Connector Crimp/Solder Attachment for RG178, RG196, .177 inch D Hole PE910033](#)

URL: <https://www.pasternack.com/mcx-jack-rg178-rg196-connector-pe910033.html>

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