

MCX Jack to MMCX Plug Right Angle Cable Using RG316-DS Coax



RF Cable Assemblies Technical Data Sheet

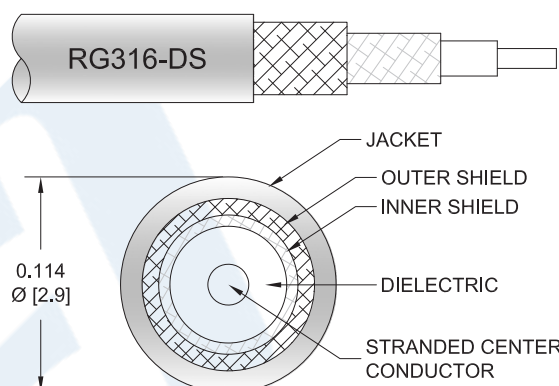
PE3W08228

Configuration

- Connector 1: MCX Jack
- Connector 2: MMCX Plug Right Angle
- Cable Type: RG316-DS

Features

- 70% Phase Velocity
- Double Shielded
- FEP Jacket



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3W08228 MCX jack to MMCX plug right angle cable using RG316-DS coax is part of our full line of RF components available for same-day shipping. Pasternack's flexible RF cable assemblies are ideal for applications where tight bends and flexure are required. This Pasternack MCX to MMCX cable assembly has a jack to plug gender configuration with 50 ohm flexible RG316-DS coax. The right angle MMCX interface on the RG316-DS cable allows for easier connections in tight spaces. The double shielding of this Pasternack cable assembly provides excellent shielding effectiveness.

Custom versions of most RF cable assemblies can be built and shipped same day. Custom cable assembly lengths can be obtained by specifying the desired length on the web site at time of order or by contacting a sales representative. Other available RF cable assembly value added services include connector orientation or clocking, heat shrink booting and custom labeling. RF testing can also be performed to document the electrical performance of your cable assembly.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Velocity of Propagation		70		%
Capacitance		29.4 [96.46]		pF/ft [pF/m]

Mechanical Specifications

Cable Assembly

Weight 0.027 lbs [12.25 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [MCX Jack to MMCX Plug Right Angle Cable Using RG316-DS Coax PE3W08228](#)



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Cable

Cable Type	RG316-DS
Impedance	50 Ohms
Inner Conductor Type	Stranded
Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Number of Shields	2
Shield Layer 1	Silver Plated Copper Braid
Shield Layer 2	Silver Plated Copper Braid
Jacket Material	FEP, Tan
Jacket Diameter	0.114 in [2.9 mm]

Repeated Minimum Bend Radius	0.591 in [15.01 mm]
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Connectors

Description	Connector 1	Connector 2
Type	MCX Jack	MMCX Plug Right Angle
Specification		BS EN 122340
Impedance	50 Ohms	50 Ohms
Contact Material and Plating		Brass, Gold
Contact Plating Specification		30μ in. minimum
Dielectric Type		Teflon
Body Material and Plating	Brass, Nickel	Brass, Gold
Body Plating Specification		3μ in. minimum

Environmental Specifications

Temperature

Operating Range	-55 to +200 deg C
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Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

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How to Order

Part Number Configuration:

PE3W08228

- **xx**

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Unit of Measure:
cm = Centimeters
<blank> = Inches
Length
Base Number

Example: PE3W08228-12 = 12 inches long cable
PE3W08228-100cm = 100 cm long cable

MCX Jack to MMCX Plug Right Angle Cable Using RG316-DS Coax 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 to MMCX Plug Right Angle Cable Using RG316-DS Coax PE3W08228](#)

URL: <https://www.pasternack.com/mcx-jack-to-mmcx-plug-cable-using-rg316-ds-pe3w08228-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.

PE3W08228 CAD Drawing
MCX Jack to MMCX Plug Right Angle Cable Using RG316-DS Coax

