



MCX Plug to MCX Jack Cable Using RG174 Coax with HeatShrink

RF Cable Assemblies Technical Data Sheet

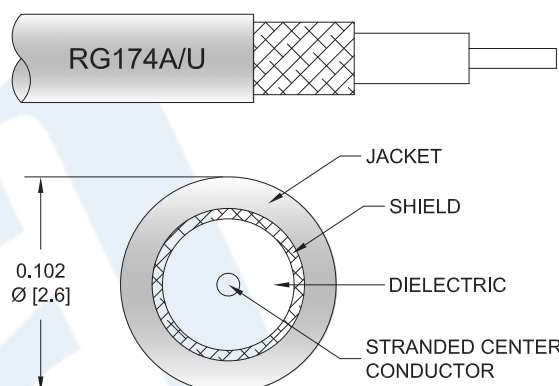
PE33278/HS

Configuration

- Connector 1: MCX Plug
- Connector 2: MCX Jack
- Cable Type: RG174

Features

- 66% Phase Velocity
- PVC Jacket



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE33278/HS MCX plug to MCX jack cable using RG174 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 MCX cable assembly has a plug to jack gender configuration with 50 ohm flexible RG174 coax.

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		66		%
Capacitance		31.08 [101.97]		pF/ft [pF/m]

Mechanical Specifications

Cable Assembly

Weight 0.021 lbs [9.53 g]

Cable

Cable Type RG174

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 Cable Using RG174 Coax with HeatShrink PE33278/HS](#)



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Impedance	50 Ohms
Inner Conductor Type	Stranded
Inner Conductor Material and Plating	Copper Clad Steel
Dielectric Type	PE
Number of Shields	1
Shield Layer 1	Tinned Copper Braid
Jacket Material	PVC, Black
Jacket Diameter	0.11 in [2.79 mm]

Connectors

Description	Connector 1	Connector 2
Type	MCX Plug	MCX Jack
Specification	CECC 22220	MIL-C-39012
Impedance	50 Ohms	50 Ohms
Contact Material and Plating	Brass, Gold	Gold
Contact Plating Specification	30 µin minimum	MIL-G-45204
Dielectric Type	PTFE	PTFE
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification	100 µin minimum	QQ-N-290

Environmental Specifications

Temperature

Operating Range -40 to +80 deg C

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

Plotted and Other Data

Notes:

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PE33278/HS

How to Order

Part Number Configuration:

PE33278/HS

- **xx**

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

Example: PE33278/HS-12 = 12 inches long cable
PE33278/HS-100cm = 100 cm long cable

MCX Plug to MCX Jack Cable Using RG174 Coax with HeatShrink 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.

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URL: <https://www.pasternack.com/mcx-plug-to-mcx-jack-cable-using-rg174-with-heatshrink-pe33278-hs-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.

PE33278/HS CAD Drawing
MCX Plug to MCX Jack Cable Using RG174 Coax with HeatShrink

