

## MMCX Plug to MCX Jack Cable Using RG174 Coax



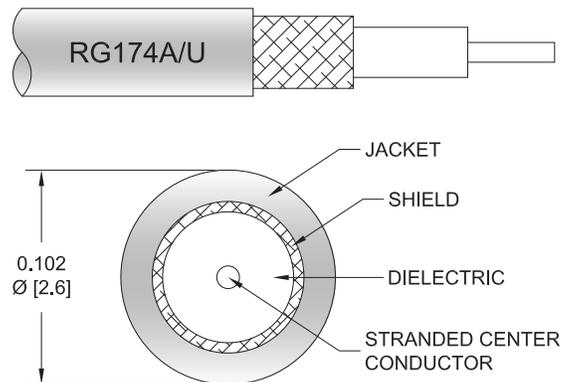
### PE3W01213

#### Configuration

- Connector 1: MMCX Plug
- Connector 2: MCX Jack
- Cable Type: RG174
- Coax Flex Type: Flexible

#### Features

- 66% Phase Velocity
- PVC Jacket



#### Applications

- General Purpose
- Laboratory Use

#### Description

Pasternack's PE3W01213 MMCX 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 MMCX 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		30.8 [101.05]		pF/ft [pF/m]

#### Mechanical Specifications

##### Cable Assembly

Width/Diameter	0.5 in [12.7 mm]
Weight	0.02 lbs [9.07 g]

##### Cable

Cable Type	RG174
Impedance	50 Ohms
Inner Conductor Type	Stranded
Inner Conductor Material and Plating	Copper Clad Steel
Dielectric Type	PE (LD)
Number of Shields	1

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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	MMCX Plug	MCX Jack
Specification	BS EN 122340	MIL-C-39012
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Straight
Contact Material and Plating	Brass, Gold	Gold
Contact Plating Specification	30 µin minimum	MIL-G-45204
Dielectric Type	PTFE	PTFE
Outer Conductor Material and Plating	Brass, Gold	
Outer Conductor Plating Specification	3 µin minimum	
Body Material and Plating	Brass, Gold	Brass, Nickel
Body Plating Specification	3 µin minimum	QQ-N-290

#### Environmental Specifications

Operating Range Temperature	-40 to +80 deg C
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**Compliance Certifications** (see [product page](#) for current document)

#### Plotted and Other Data

Notes:

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### PE3W01213

#### Typical Performance Data

#### How to Order

Part Number Configuration:

**PE3W01213**

- **xx**

**uu**

Unit of Measure:

cm = Centimeters

<blank> = Inches

Length

Base Number

Example: PE3W01213-12 = 12 inches long cable  
PE3W01213-100cm = 100 cm long cable

MMCX Plug to MCX Jack Cable Using RG174 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.

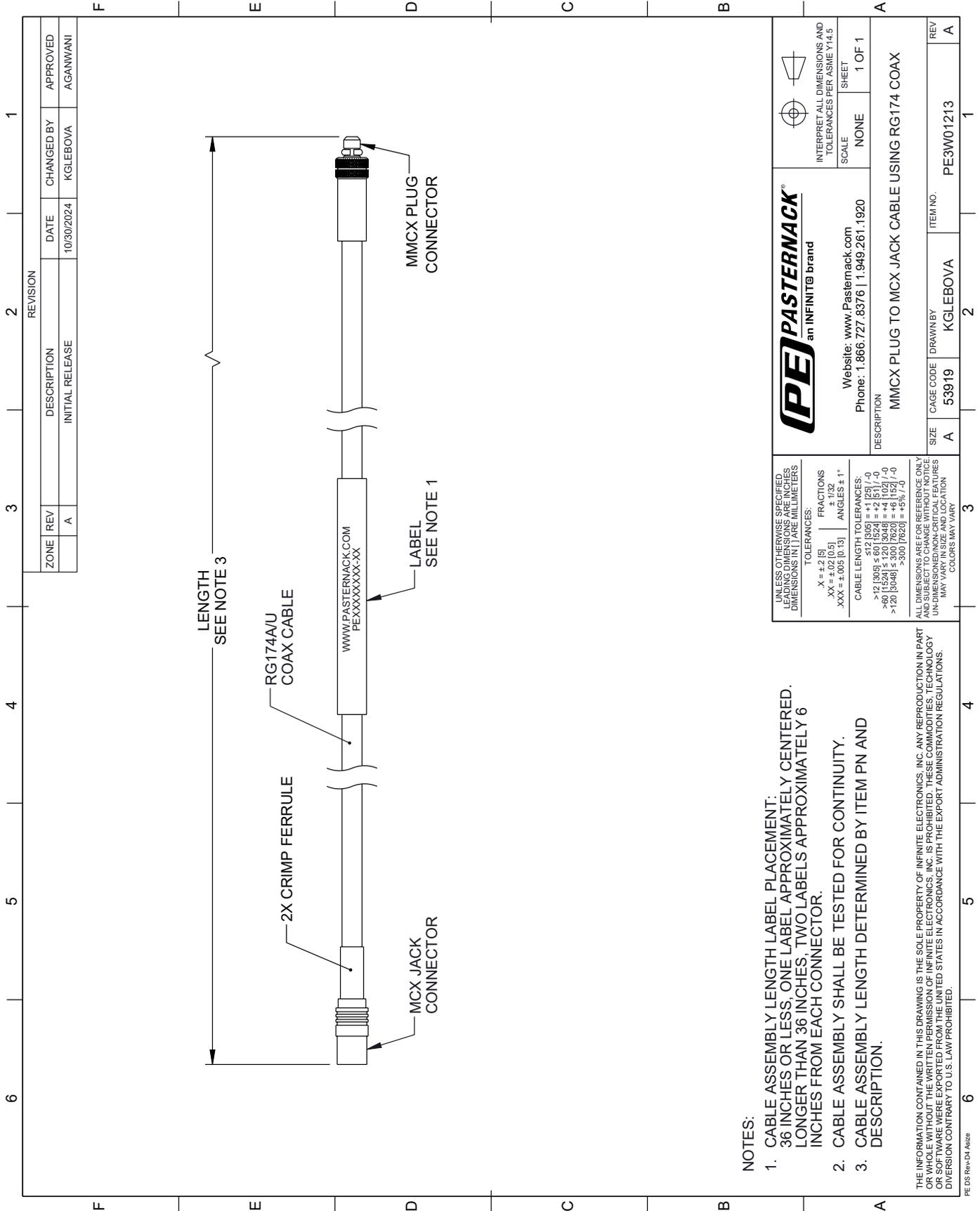
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [MMCX Plug to MCX Jack Cable Using RG174 Coax PE3W01213](https://www.pasternack.com/mmcx-plug-to-mcx-jack-cable-using-rg174-pe3w01213)

URL: <https://www.pasternack.com/mmcx-plug-to-mcx-jack-cable-using-rg174-pe3w01213-p.aspx>

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# PE3W01213 CAD Drawing

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**NOTES:**

1. CABLE ASSEMBLY LENGTH LABEL PLACEMENT: 36 INCHES OR LESS, ONE LABEL APPROXIMATELY CENTERED. LONGER THAN 36 INCHES, TWO LABELS APPROXIMATELY 6 INCHES FROM EACH CONNECTOR.
2. CABLE ASSEMBLY SHALL BE TESTED FOR CONTINUITY.
3. CABLE ASSEMBLY LENGTH DETERMINED BY ITEM PN AND DESCRIPTION.

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