

Reverse Polarity SMA Plug Right Angle to MMCX Plug Right Angle Cable Using RG174 Coax



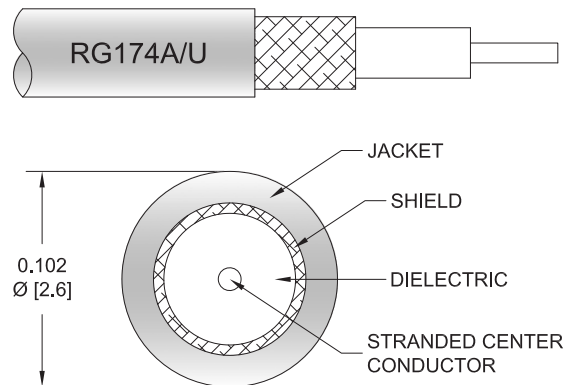
PE37576

Configuration

- Connector 1: SMA Plug Reverse Polarity Right Angle
- Connector 2: MMCX Plug Right Angle
- Cable Type: RG174
- Coax Flex Type: Flexible

Features

- 66% Phase Velocity
- PVC Jacket



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE37576 reverse polarity SMA plug right angle to MMCX plug right angle 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 reverse polarity SMA to MMCX cable assembly has a plug to plug gender configuration with 50 ohm flexible RG174 coax. The right angle SMA and right angle MMCX interfaces on the RG174 cable allow for easier connections in tight spaces.

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

Weight 0.027 lbs [12.25 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

Reverse Polarity SMA Plug Right Angle to MMCX Plug Right Angle Cable Using RG174 Coax



PE37576

Shield Layer 1	Tinned Copper Braid
Jacket Material	PVC, Black
Jacket Diameter	0.1 in [2.54 mm]

Connectors

Description	Connector 1	Connector 2
Type	SMA Plug Reverse Polarity Right Angle	MMCX Plug Right Angle
Specification	MIL-STD-348	BS EN 122340
Impedance	50 Ohms	50 Ohms
Configuration	Right Angle	Right Angle
Contact Material and Plating	Gold	Brass, Gold
Contact Plating Specification	MIL-G-45204	30 µin minimum
Dielectric Type	PTFE	PTFE
Body Material and Plating	Brass, Nickel	Brass, Gold
Body Plating Specification	QQ-N-290	3 µin minimum
Coupling Nut Material and Plating	Brass, Nickel	
Coupling Nut Plating Specification	QQ-N-290	
Hex Size	5/16 in	
Torque	5 in-lbs 0.57 Nm	

Environmental Specifications

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

Plotted and Other Data

Notes:
Values at 25°C, sea level.

Reverse Polarity SMA Plug Right Angle to MMCX Plug Right Angle Cable Using RG174 Coax



PE37576

Typical Performance Data

How to Order

Part Number Configuration:

PE37576

- xx

uu

Unit of Measure:
cm = Centimeters
<blank> = Inches

Length

Base Number

Example: PE37576-12 = 12 inches long cable
PE37576-100cm = 100 cm long cable

Reverse Polarity SMA Plug Right Angle to MMCX Plug Right Angle 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: [Reverse Polarity SMA Plug Right Angle to MMCX Plug Right Angle Cable Using RG174 Coax PE37576](#)

URL: <https://www.pasternack.com/reverse-polarity-sma-plug-right-angle-to-mmcx-plug-cable-using-rg174-pe37576-p.aspx>

The information contained within 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 Enterprises reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack Enterprises does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack Enterprises does not assume liability arising out of the use of any part or document.

PE37576 CAD Drawing

Reverse Polarity SMA Plug Right Angle to MMCX Plug Right Angle Cable Using RG174 Coax

