



Reverse Polarity SMA Plug Right Angle to Reverse Polarity SMA Plug Cable Using RG174 Coax with HeatShrink

RF Cable Assemblies Technical Data Sheet

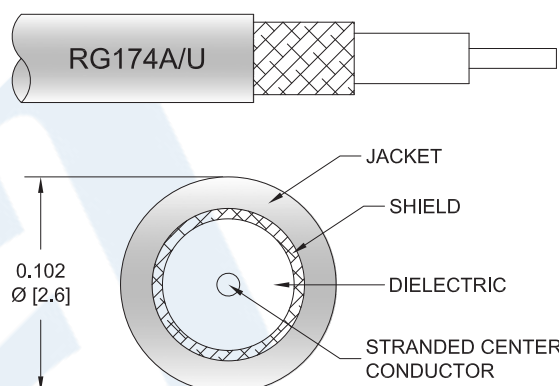
PE37024/HS

Configuration

- Connector 1: SMA Plug Reverse Polarity Right Angle
- Connector 2: SMA Plug Reverse Polarity
- Cable Type: RG174

Features

- 66% Phase Velocity
- PVC Jacket



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE37024/HS reverse polarity SMA plug right angle to reverse polarity SMA plug 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 reverse polarity SMA cable assembly has a plug to plug gender configuration with 50 ohm flexible RG174 coax. The right angle SMA interface on the RG174 cable allows 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		31.08 [101.97]		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: [Reverse Polarity SMA Plug Right Angle to Reverse Polarity SMA Plug Cable Using RG174 Coax with HeatShrink PE37024/HS](#)



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Cable

Cable Type	RG174
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	SMA Plug Reverse Polarity Right Angle	SMA Plug Reverse Polarity
Specification	MIL-STD-348	MIL-STD-348
Impedance	50 Ohms	50 Ohms
Contact Material and Plating	Gold	Gold
Contact Plating Specification	MIL-G-45204	MIL-G-45204
Dielectric Type	PTFE	PTFE
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification	QQ-N-290	QQ-N-290
Coupling Nut Material and Plating	Brass, Nickel	Brass, Nickel
Coupling Nut Plating Specification	QQ-N-290	QQ-N-290
Hex Size	5/16 inch	5/16 inch
Torque	3 in-lbs [0.34 Nm]	3 in-lbs [0.34 Nm]

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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PE37024/HS

How to Order

Part Number Configuration:

PE37024/HS

- **xx**

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

Example: PE37024/HS-12 = 12 inches long cable
PE37024/HS-100cm = 100 cm long cable

Reverse Polarity SMA Plug Right Angle to Reverse Polarity SMA Plug 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.

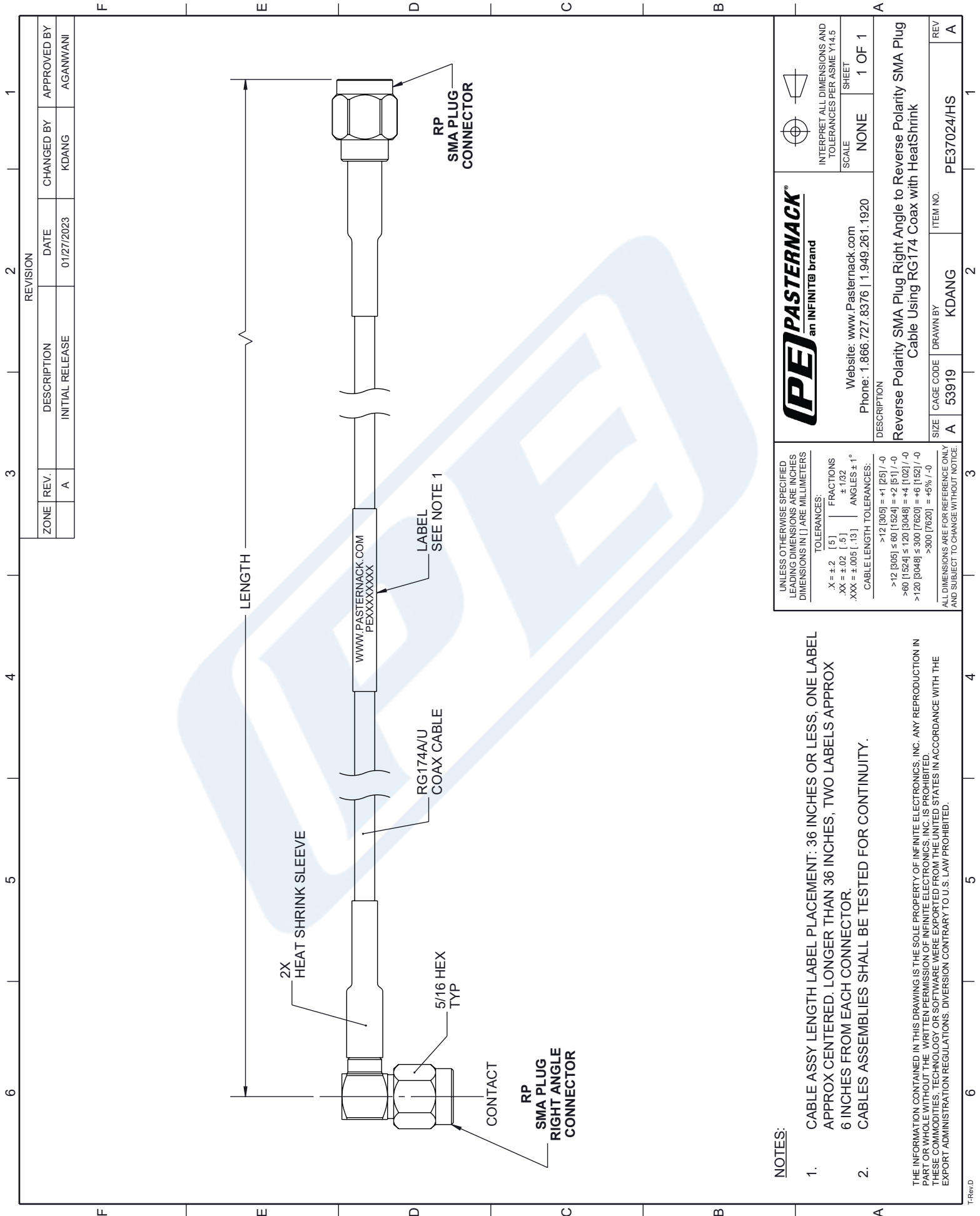
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URL: <https://www.pasternack.com/reverse-polarity-sma-plug-right-angle-to-reverse-polarity-sma-plug-cable-using-rg174-with-heatshrink-pe37024-hs-p.aspx>

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.

PE37024/HS CAD Drawing

Reverse Polarity SMA Plug Right Angle to Reverse Polarity
SMA Plug Cable Using RG174 Coax with HeatShrink



NOTES:

1. CABLE ASSY LENGTH LABEL PLACEMENT: 36 INCHES OR LESS, ONE LABEL APPROX CENTERED. LONGER THAN 36 INCHES, TWO LABELS APPROX 6 INCHES FROM EACH CONNECTOR.
2. CABLES ASSEMBLIES SHALL BE TESTED FOR CONTINUITY.

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Website: www.Pasternack.com Phone: 1.866.727.8376 1.949.261.1920		DESCRIPTION: Reverse Polarity SMA Plug Right Angle to Reverse Polarity SMA Plug Cable Using RG174 Coax with HeatShrink	
SIZE: A	CAGE CODE: 53919	DRAWN BY: KDANG	ITEM NO.: PE37024/HS
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