



Reverse Polarity SMA Plug Right Angle to Reverse Polarity SMA Jack Bulkhead Cable Using RG174 Coax , LF Solder

RF Cable Assemblies Technical Data Sheet

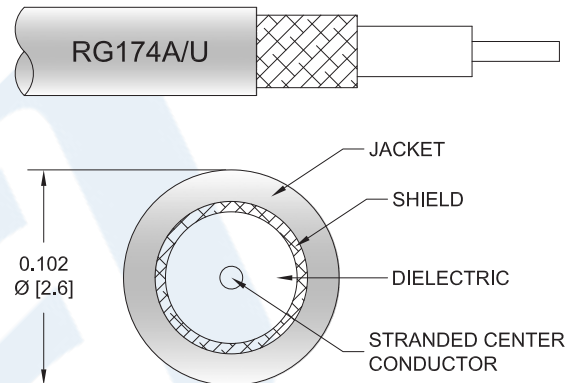
PE35027LF

Configuration

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

Features

- 66% Phase Velocity
- PVC Jacket



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE35027LF reverse polarity SMA plug right angle to reverse polarity SMA jack bulkhead 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 jack gender configuration with 50 ohm flexible RG174 coax. The right angle SMA interface on the RG174 cable allows for easier connections in tight spaces. Our RF cable assembly with SMA bulkhead interface allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

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 0.035 lbs [15.88 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 Jack Bulkhead Cable Using RG174 Coax , LF Solder PE35027LF](#)



Reverse Polarity SMA Plug Right Angle to Reverse Polarity SMA Jack Bulkhead Cable Using RG174 Coax , LF Solder

RF Cable Assemblies Technical Data Sheet

PE35027LF

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
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	SMA Jack Reverse Polarity Bulkhead
Specification	MIL-STD-348	
Impedance	50 Ohms	50 Ohms
Contact Material and Plating	Gold	Brass, Gold
Contact Plating Specification	MIL-G-45204	50 µin minimum
Dielectric Type	PTFE	PTFE
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification	QQ-N-290	100 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]	

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

Plotted and Other Data

Notes:

- Values at 25°C, sea level.

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 Jack Bulkhead Cable Using RG174 Coax , LF Solder PE35027LF](#)



Reverse Polarity SMA Plug Right Angle to Reverse Polarity SMA Jack Bulkhead Cable Using RG174 Coax , LF Solder

RF Cable Assemblies Technical Data Sheet

PE35027LF

How to Order

Part Number Configuration:

PE35027LF

- **xx**

uu

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

Example: PE35027LF-12 = 12 inches long cable
PE35027LF-100cm = 100 cm long cable

Reverse Polarity SMA Plug Right Angle to Reverse Polarity SMA Jack Bulkhead Cable Using RG174 Coax , LF Solder 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 Reverse Polarity SMA Jack Bulkhead Cable Using RG174 Coax , LF Solder PE35027LF](https://www.pasternack.com/reverse-polarity-sma-plug-right-angle-to-reverse-polarity-sma-jack-bulkhead-cable-using-rg174-coax-lf-solder-pe35027lf-p.aspx)

URL: <https://www.pasternack.com/reverse-polarity-sma-plug-right-angle-to-reverse-polarity-sma-jack-bulkhead-cable-using-rg174-lf-solder-pe35027lf-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.

PE35027LF CAD Drawing

Reverse Polarity SMA Plug Right Angle to Reverse Polarity SMA
Jack Bulkhead Cable Using RG174 Coax , LF Solder

