

## SMA Female Bulkhead to Reverse Polarity SMA Plug Cable Using RG316 Coax



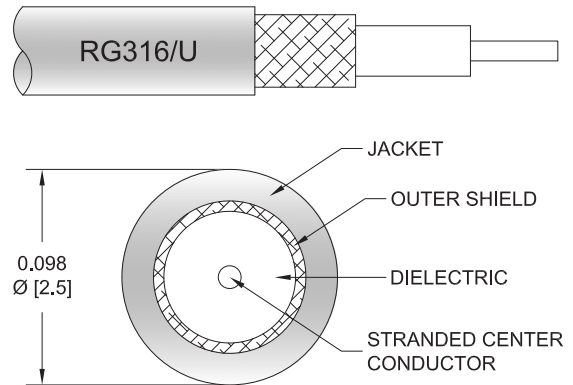
### PE3C5713

#### Configuration

- Connector 1: SMA Female Bulkhead
- Connector 2: SMA Plug Reverse Polarity
- Cable Type: RG316
- Coax Flex Type: Flexible

#### Features

- 69% Phase Velocity
- FEP Jacket



#### Applications

- General Purpose
- Laboratory Use

#### Description

Pasternack's PE3C5713 SMA female bulkhead to reverse polarity SMA plug cable using RG316 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 SMA to reverse polarity SMA cable assembly has a female to plug gender configuration with 50 ohm flexible RG316 coax. 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		69		%
Capacitance		29.4 [96.46]		pF/ft [pF/m]
Jacket Spark			2,000	Vrms

#### Mechanical Specifications

##### Cable Assembly

Weight 0.026 lbs [11.79 g]

##### Cable

Cable Type RG316  
Impedance 50 Ohms  
Inner Conductor Type Stranded

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Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Number of Shields	1
Shield Layer 1	Silver Plated Copper Braid
Jacket Material	FEP, Tan
Jacket Diameter	0.102 in [2.59 mm]

### Connectors

Description	Connector 1	Connector 2
Type	SMA Female Bulkhead	SMA Plug Reverse Polarity
Specification	MIL-STD-348	MIL-STD-348
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Straight
Contact Material and Plating	Beryllium Copper, Gold	Gold
Contact Plating Specification	MIL-G-45204	MIL-G-45204
Dielectric Type		PTFE
Outer Conductor Material and Plating	Brass, Nickel	
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification		QQ-N-290
Coupling Nut Material and Plating		Brass, Nickel
Coupling Nut Plating Specification		QQ-N-290
Hex Size		5/16 inch
Torque		5 in-lbs 0.57 Nm

### Environmental Specifications

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

### Plotted and Other Data

Notes:

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### PE3C5713

#### Typical Performance Data

#### How to Order

Part Number Configuration: **PE3C5713**    **- xx**    **uu**

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

Length

Base Number

Example: PE3C5713-12 = 12 inches long cable  
PE3C5713-100cm = 100 cm long cable

SMA Female Bulkhead to Reverse Polarity SMA Plug Cable Using RG316 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: [SMA Female Bulkhead to Reverse Polarity SMA Plug Cable Using RG316 Coax PE3C5713](#)

URL: <https://www.pasternack.com/sma-female-bulkhead-to-reverse-polarity-sma-plug-cable-using-rg316-pe3c5713-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.

PE3C5713 CAD Drawing
SMA Female Bulkhead to Reverse Polarity SMA Plug Cable Using RG316 Coax

