



## BNC Female Bulkhead to SMA Male Cable Using PE-SR402FL Coax

### RF Cable Assemblies Technical Data Sheet

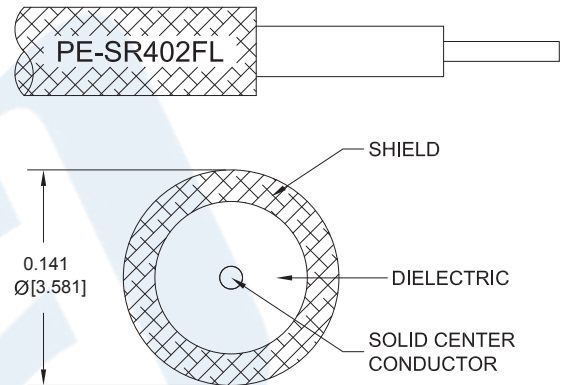
**PE3W02448**

#### Configuration

- Connector 1: BNC Female Bulkhead
- Connector 2: SMA Male
- Cable Type: PE-SR402FL
- Coax Flex Type: Formable

#### Features

- Shielding Effectivity > 110 dB
- 69.5% Phase Velocity



#### Applications

- General Purpose
- Laboratory Use

#### Description

Pasternack's PE3W02448 BNC female bulkhead to SMA male cable using PE-SR402FL coax is part of our full line of RF components available for same-day shipping. Pasternack's formable RF cable assemblies provide an alternative to costly pre-formed semi-rigid assemblies since they are hand formable. This Pasternack BNC to SMA cable assembly has a female to male gender configuration with 50 ohm formable PE-SR402FL coax. Our RF cable assembly with BNC 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		69.5		%
RF Shielding	110			dB
Capacitance		29 [95.14]		pF/ft [pF/m]
DC Resistance Inner Conductor		7.8 [25.59]		Ω/1000ft [Ω/Km]
DC Resistance Outer Conductor		5.5 [18.04]		Ω/1000ft [Ω/Km]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BNC Female Bulkhead to SMA Male Cable Using PE-SR402FL Coax PE3W02448](#)



BNC Female Bulkhead to SMA Male  
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**Mechanical Specifications**

**Cable Assembly**

Weight 0.078 lbs [35.38 g]

**Cable**

Cable Type PE-SR402FL  
Impedance 50 Ohms  
Inner Conductor Type Solid  
Inner Conductor Material and Plating Copper, Silver  
Dielectric Type PTFE  
Number of Shields 1  
Shield Layer 1 Tinned Copper Braid  
  
Repeated Minimum Bend Radius 0.625 in [15.88 mm]

**Connectors**

Description	Connector 1	Connector 2
Type	BNC Female Bulkhead	SMA Male
Impedance	50 Ohms	50 Ohms
Body Material and Plating	Brass, Nickel	Brass, Gold over Nickel
Coupling Nut Material and Plating		Passivated Stainless Steel
Hex Size		5/16 inch
Torque		8 in-lbs [0.9 Nm]

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

**Plotted and Other Data**

Notes:

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**PE3W02448**

**How to Order**

Part Number Configuration:

**PE3W02448**

- xx

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

Example: PE3W02448-12 = 12 inches long cable  
PE3W02448-100cm = 100 cm long cable

BNC Female Bulkhead to SMA Male Cable Using PE-SR402FL 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: [BNC Female Bulkhead to SMA Male Cable Using PE-SR402FL Coax PE3W02448](#)

URL: <https://www.pasternack.com/bnc-female-bulkhead-to-sma-male-cable-using-pe-sr402fl-pe3w02448-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.

# PE3W02448 CAD Drawing

BNC Female Bulkhead to SMA Male Cable Using PE-SR402FL Coax

