

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



RF Cable Assemblies Technical Data Sheet

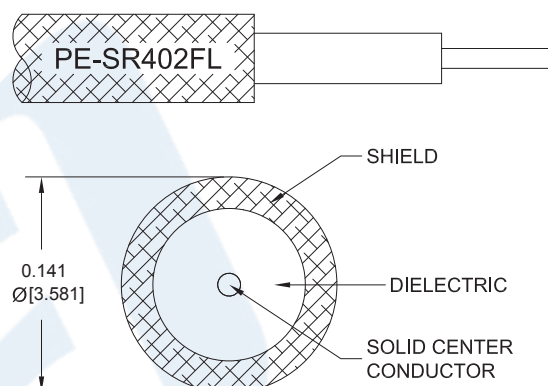
PE3W09331

Configuration

- Connector 1: BNC Female Bulkhead
- Connector 2: SMA Male Right Angle
- Cable Type: PE-SR402FL

Features

- Shielding Effectivity > 110 dB
- 69.5% Phase Velocity



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3W09331 BNC female bulkhead to SMA male right angle 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. The right angle SMA interface on the PE-SR402FL cable allows for easier connections in tight spaces. 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 Right Angle Cable Using PE-SR402FL Coax PE3W09331](#)



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

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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 Right Angle
Impedance	50 Ohms	50 Ohms
Contact Material and Plating		Brass, Gold over Nickel
Dielectric Type		PTFE
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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RF Cable Assemblies Technical Data Sheet

PE3W09331

How to Order

Part Number Configuration:

PE3W09331

- **xx**

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

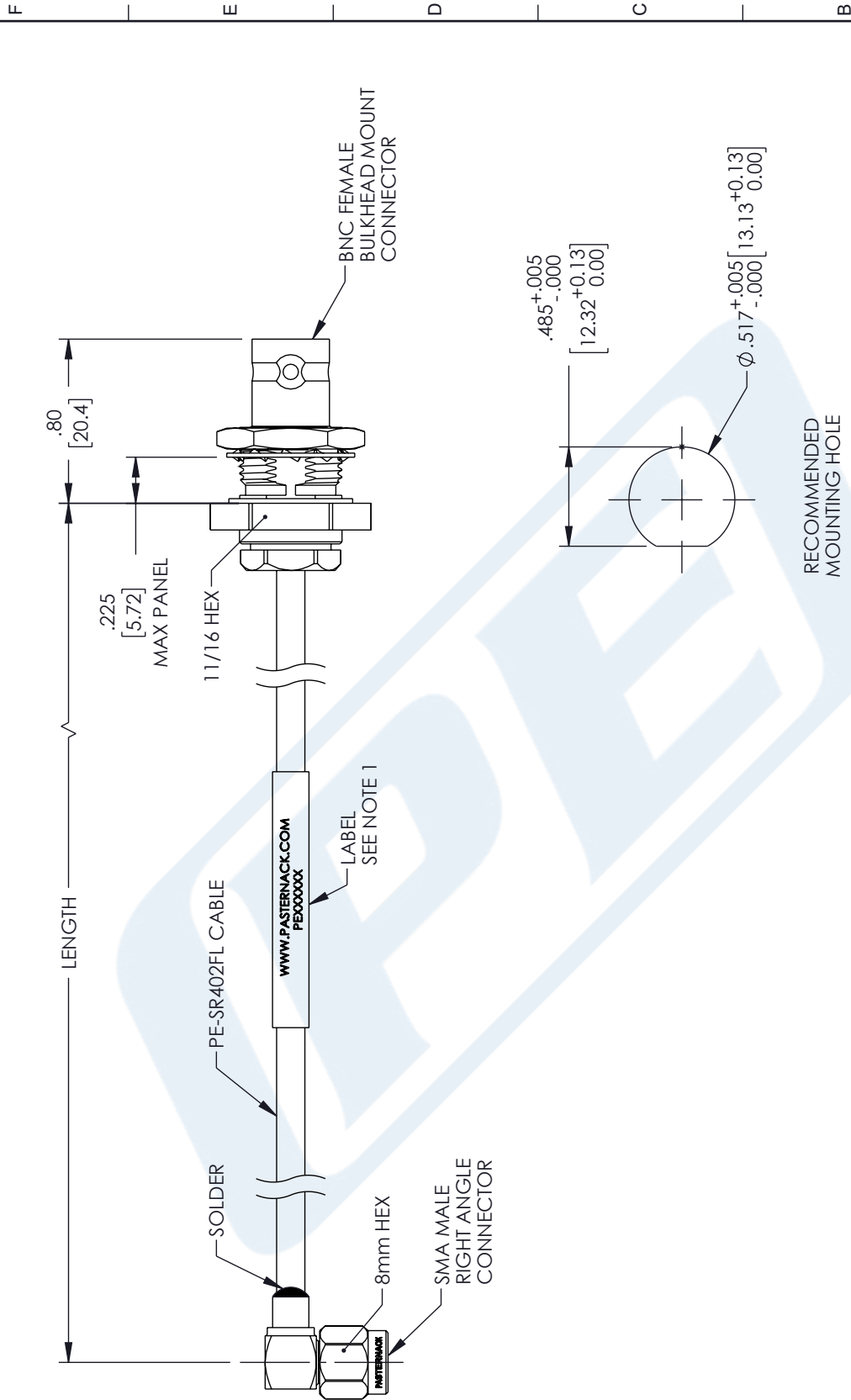
Example: PE3W09331-12 = 12 inches long cable
PE3W09331-100cm = 100 cm long cable

BNC Female Bulkhead to SMA Male Right Angle 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 Right Angle Cable Using PE-SR402FL Coax PE3W09331](#)

URL: <https://www.pasternack.com/bnc-female-bulkhead-to-sma-male-cable-using-pe-sr402fl-pe3w09331-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.



NOTES:

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

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UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS		 PASTERNAK an INFINITE brand		 INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5	
TOLERANCES: X = +.2 [.5] XX = +.02 [.5] XXX = +.005 [.13] FRACTIONS + 1/32 ANGLES ± 1°		SCALE NONE		SHEET 1 OF 1	
Website: www.Pasternack.com Phone: 1.866.727.8376 1.949.261.1920					
DESCRIPTION SMA MALE RIGHT ANGLE TO BNC FEMALE BULKHEAD CABLE USING PE-SR402FL COAX					
SIZE A		CAGE CODE 53919		DRAWN BY KGLEBOVA	
ITEM NO. PE3W09331		REV A			