



75 Ohm RCA Male to 75 Ohm BNC Female Bulkhead
Cable Using 75 Ohm PE-B159-BL Blue Coax

RF Cable Assemblies Technical Data Sheet

PE3C5766

Configuration

- Connector 1: RCA Male
- Connector 2: BNC Female Bulkhead
- Cable Type: MINI 59

Features

- 83% Phase Velocity
- Double Shielded
- PVC Jacket

Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3C5766 75 ohm RCA male to 75 ohm BNC female bulkhead cable using 75 ohm PE-B159-BL 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 RCA to BNC cable assembly has a male to female gender configuration with 75 ohm flexible MINI 59 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. The double shielding of this Pasternack cable assembly provides excellent shielding effectiveness.

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		83		%
Capacitance		16.5 [54.13]		pF/ft [pF/m]

Mechanical Specifications

Cable Assembly

Weight 0.068 lbs [30.84 g]

Cable

Cable Type MINI 59
Impedance 75 Ohms
Inner Conductor Type Solid
Inner Conductor Material and Plating Copper

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm RCA Male to 75 Ohm BNC Female Bulkhead Cable Using 75 Ohm PE-B159-BL Blue Coax PE3C5766](#)



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Dielectric Type	PE (F)
Number of Shields	2
Shield Layer 1	Aluminum Tape
Shield Layer 2	Tinned Copper Braid
Jacket Material	PVC, Blue
Jacket Diameter	0.159 in [4.04 mm]
One Time Minimum Bend Radius	1.5 in [38.1 mm]

Connectors

Description	Connector 1	Connector 2
Type	RCA Male	BNC Female Bulkhead
Impedance	75 Ohms	75 Ohms
Contact Material and Plating	Brass, Gold	Phosphor Bronze, Gold
Dielectric Type	Delrin	HDPE
Body Material and Plating	Brass, Gold	Brass, Nickel

Environmental Specifications

Temperature

Operating Range	-55 to +165 deg C
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Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

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PE3C5766

How to Order

Part Number Configuration:

PE3C5766

- xx

uu

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

Example: PE3C5766-12 = 12 inches long cable
PE3C5766-100cm = 100 cm long cable

75 Ohm RCA Male to 75 Ohm BNC Female Bulkhead Cable Using 75 Ohm PE-B159-BL Blue 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: [75 Ohm RCA Male to 75 Ohm BNC Female Bulkhead Cable Using 75 Ohm PE-B159-BL Blue Coax PE3C5766](#)

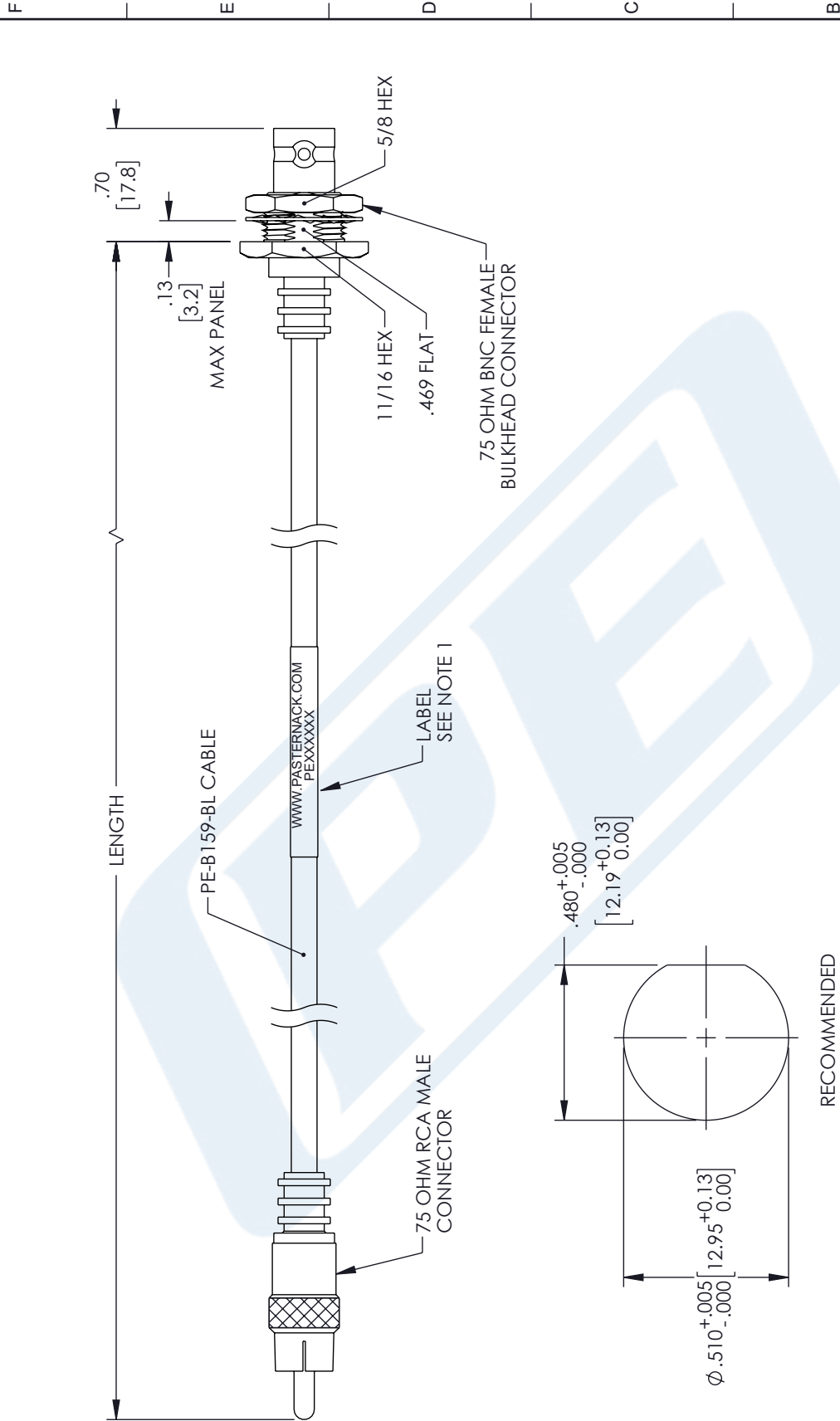
URL: <https://www.pasternack.com/75-ohm-rca-male-to-75-ohm-bnc-female-bulkhead-cable-using-pe-b159-bl-blue-pe3c5766-p.aspx>

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.

PE3C5766 CAD Drawing

75 Ohm RCA Male to 75 Ohm BNC Female Bulkhead

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NOTES:

- 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.
 - CABLE ASSEMBLIES SHALL BE TESTED FOR CONTINUITY.
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PE PASTERNAK an INFINITE brand		INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5 SCALE: NONE SHEET: 1 OF 1
Website: www.Pasternack.com Phone: 1.866.727.8376 1.949.261.1920		DESCRIPTION: 75 OHM RCA MALE TO 75 OHM BNC FEMALE BULKHEAD CABLE USING 75 OHM PE-B159-BL BLUE COAX
SIZE: A	CAGE CODE: 53919	DRAWN BY: DZINN ITEM NO.: PE3C5766
UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS TOLERANCES: .X = ±.2 [5] FRACTIONS .XX = ±.02 [.5] ±.1/32 .XXX = ±.005 [.13] ANGLES ± 1° CABLE LENGTH TOLERANCES: >12 [305] = +1.25 / -0 >36 [914] = +5% / -0 ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE.		

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[Pasternack:](#)

[PE3C5766-48](#)