



75 Ohm F Male to 75 Ohm BNC Male Cable Using
75 Ohm PE-B159-BL Blue Coax, LF Solder

TECHNICAL DATA SHEET

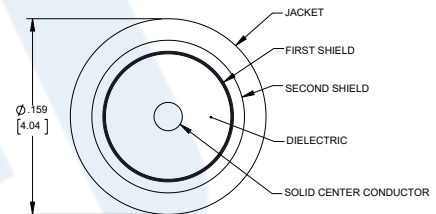
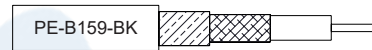
PE3C2112LF

Configuration

- Connector 1: F Male
- Connector 2: BNC Male
- Cable Type: MINI 59
- Coax Flex Type: Flexible

Features

- 83% Phase Velocity
- Double Shielded
- PVC Jacket



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3C2112LF 75 ohm type F male to 75 ohm BNC male 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 type F to BNC cable assembly has a male to male gender configuration with 75 ohm flexible MINI 59 coax. 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 0.069 lbs [31.3 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm F Male to 75 Ohm BNC Male Cable Using 75 Ohm PE-B159-BL Blue Coax, LF Solder PE3C2112LF](#)



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PE3C2112LF

Cable

Cable Type	MINI 59
Impedance	75 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper
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	F Male Threaded	BNC Male Bayonet
Impedance	75 Ohms	75 Ohms
Contact Material and Plating	Brass, Gold	Brass, Gold
Dielectric Type	PTFE	POM
Body Material and Plating	Brass, Nickel	Brass, Nickel
Coupling Nut Material and Plating	Brass, Nickel	Brass, Nickel
Hex Size	7/16 inch	
Torque	15 in-lbs [1.7 Nm]	

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

Plotted and Other Data

Notes:

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How to Order

Part Number Configuration:

PE3C2112LF - xx uu

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

Example: PE3C2112LF-12 = 12 inches long cable
PE3C2112LF-100cm = 100 cm long cable

75 Ohm F Male to 75 Ohm BNC Male Cable Using 75 Ohm PE-B159-BL Blue 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: [75 Ohm F Male to 75 Ohm BNC Male Cable Using 75 Ohm PE-B159-BL Blue Coax, LF Solder PE3C2112LF](#)

URL: <https://www.pasternack.com/75-ohm-f-male-to-75-ohm-bnc-male-cable-using-pe-b159-bl-blue-lf-solder-pe3c2112lf-p.aspx>

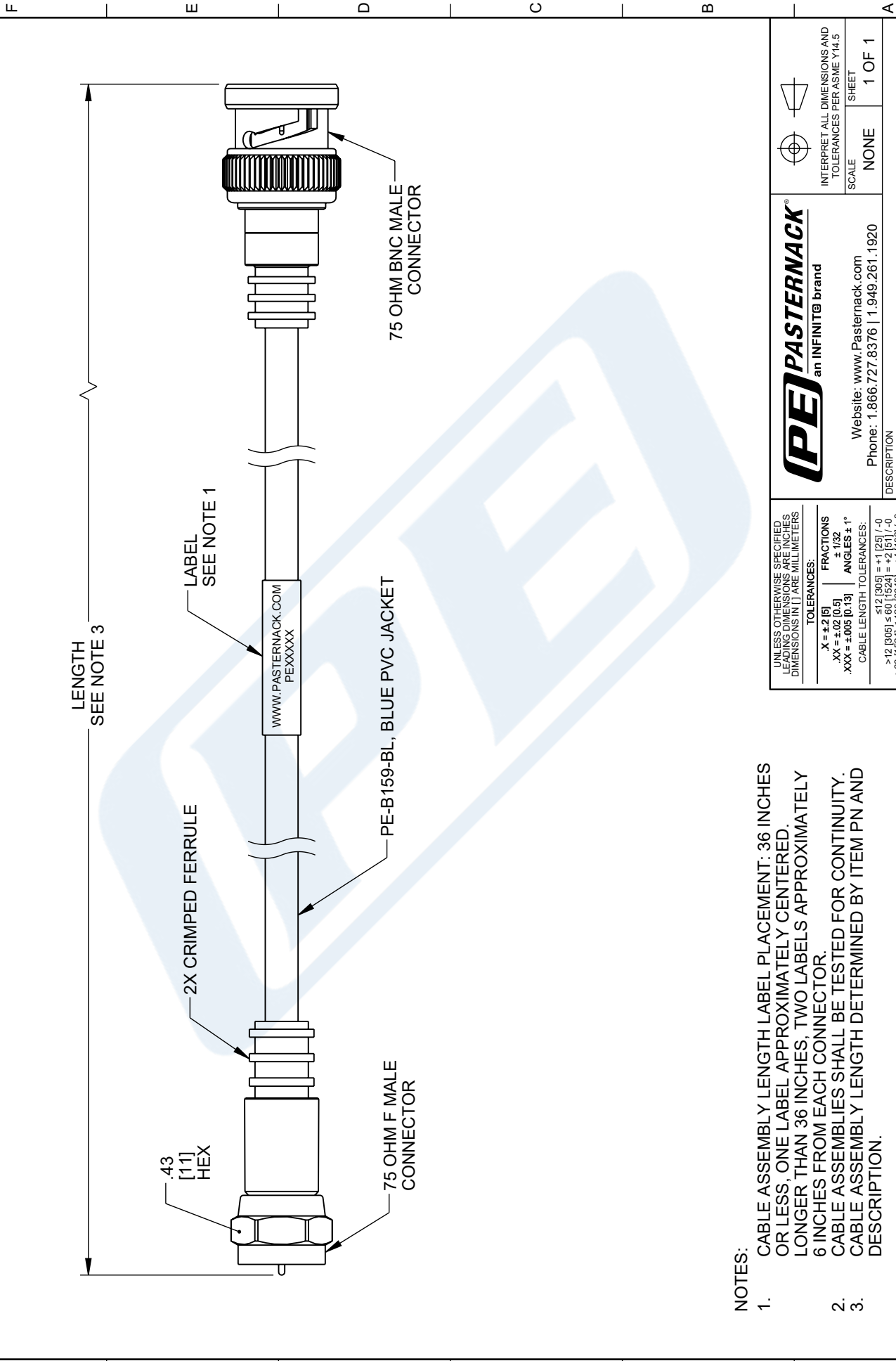
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such 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.

PE3C2112LF CAD Drawing

75 Ohm F Male to 75 Ohm BNC Male Cable Using 75 Ohm PE-B159-BL Blue Coax, LF Solder

F E D C B A

F E D C B A



ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	10/09/2023	DMAY	AGANWANI

PE PASTERNAK an INFINITI® brand		Website: www.Pasternack.com Phone: 1.866.727.8376 1.949.261.1920
DESCRIPTION 75 OHM F MALE TO 75 OHM BNC MALE CABLE USING 75 OHM PE-B159-BL BLUE COAX, LF SOLDER		SCALE NONE
TOLERANCES PER ASME Y14.5		SHEET 1 OF 1

SIZE A	CAGE CODE 53919	DRAWN BY DMAY	ITEM NO. PE3C2112LF	REV A
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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.
 - CABLE ASSEMBLY LENGTH DETERMINED BY ITEM PN AND DESCRIPTION.

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