PASTERNACK
an INFINITE brand

75 Ohm BNC Female Bulkhead to 75 Ohm BNC Male Cable Using 75 Ohm PE-B159-RD Red Coax

RF Cable Assemblies Technical Data Sheet PE3C3612/RD

Configuration

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

Features

- 83% Phase Velocity
- Double Shielded
- PVC Jacket

Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3C3612/RD 75 ohm BNC female bulkhead to 75 ohm BNC male cable using 75 ohm PE-B159-RD 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 BNC to BNC cable assembly has a female to male 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]
Operating Voltage (AC)			300	Vrms

Mechanical Specifications

Cable Assembly

Weight	0.073 lbs [33.11 g]

Cable

Cable Type	MINI 59
Impedance	75 Ohms

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 75 Ohm BNC Female Bulkhead to 75 Ohm BNC Male Cable Using 75 Ohm PE-B159-RD Red Coax PE3C3612/RD

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
Phone: (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
Sales@Pasternack.com • Techsupport@Pasternack.com

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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, Red
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	BNC Female Bulkhead	BNC Male
Impedance	75 Ohms	75 Ohms
Contact Material and Plating	Phosphor Bronze, Gold	Brass, Gold
Dielectric Type	HDPE	PTFE
Body Material and Plating	Brass, Nickel	Brass, Nickel
Coupling Nut Material and Plating		Brass, Nickel

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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How to Order

Part Number Configuration: **PE3C3612/RD - xx uu**

- uu — Unit of Measure:
  - cm = Centimeters
  - <blank> = Inches
- xx — Length
- PE3C3612/RD — Base Number

Example: PE3C3612/RD-12 = 12 inches long cable
PE3C3612/RD-100cm = 100 cm long cable

75 Ohm BNC Female Bulkhead to 75 Ohm BNC Male Cable Using 75 Ohm PE-B159-RD Red 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 BNC Female Bulkhead to 75 Ohm BNC Male Cable Using 75 Ohm PE-B159-RD Red Coax PE3C3612/RD

URL: https://www.pasternack.com/75-ohm-bnc-female-bulkhead-to-75-ohm-bnc-male-cable-using-pe-b159-rd-red-pe3c3612-rd-p.aspx

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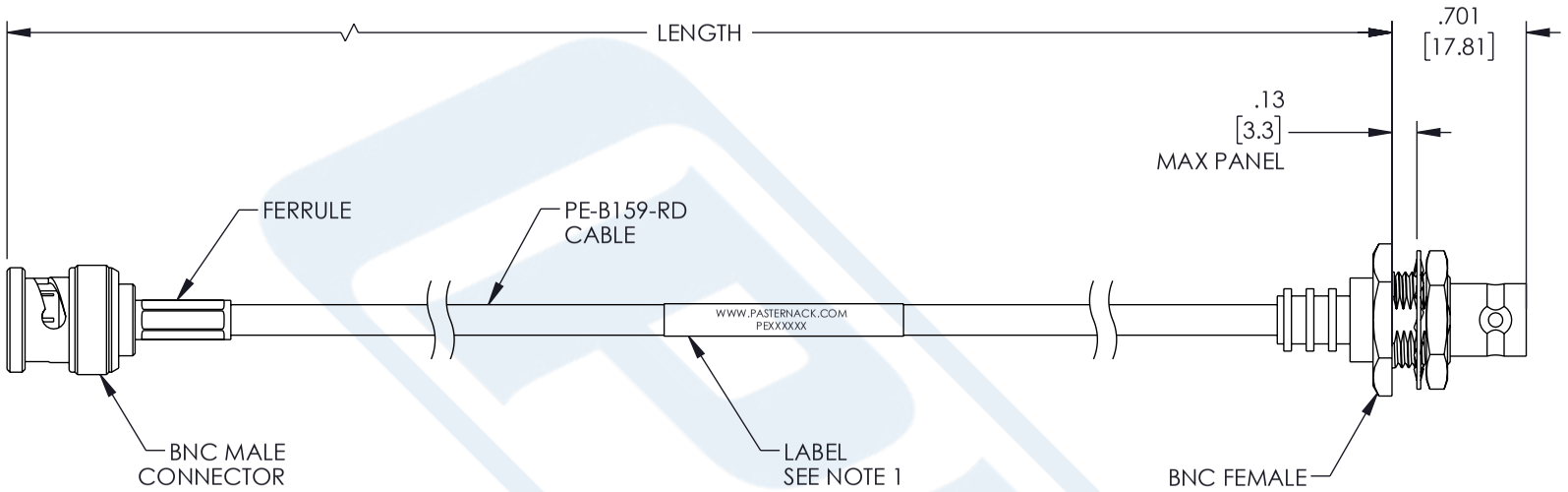
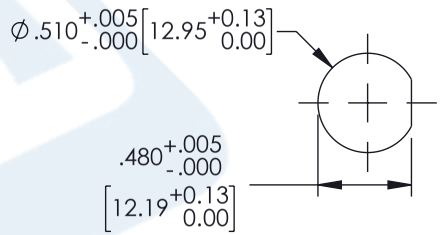
PE3C3612/RD CAD Drawing

75 Ohm BNC Female Bulkhead to 75 Ohm BNC Male Cable Using 75 Ohm PE-B159-RD Red Coax

REVISION					
ZONE	REV.	DESCRIPTION	DATE	CHANGED BY	APPROVED BY
	A	INITIAL RELEASE	02/01/2023	SREITER	AGANWANI





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

UNLESS OTHERWISE SPECIFIED
LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:

.X = ±.2 [5]
.XX = ±.02 [.5]
.XXX = ±.005 [.13]

FRACTIONS ± 1/32
ANGLES ± 1°

CABLE LENGTH TOLERANCES:

≤12 [305] = +1 [25] / -0
>12 [305] ≤ 60 [1524] = +2 [51] / -0
>60 [1524] ≤ 120 [3048] = +4 [102] / -0
>120 [3048] ≤ 300 [7620] = +6 [152] / -0
>300 [7620] = +5% / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE.

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Website: www.Pasternack.com
Phone: 1.866.727.8376 | 1.949.261.1920

INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5

SCALE	SHEET
NONE	1 OF 1

DESCRIPTION

75 ohm BNC FEMALE BULKHEAD TO 75 ohm BNC MALE CABLE USING 75 ohm PE-B159-RD RED COAX

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	53919	SREITER	PE3C3612/RD	A