

## BNC Male Right Angle to BNC Male Right Angle Cable 12 Inch Length Using PE-B100 Coax



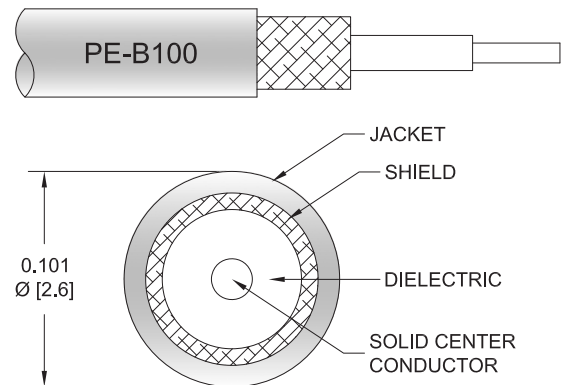
### PE38249-12

#### Configuration

- Connector 1: BNC Male Right Angle
- Connector 2: BNC Male Right Angle
- Cable Type: PE-B100
- Coax Flex Type: Flexible

#### Features

- 62% Phase Velocity
- Double Shielded
- PVC Jacket



#### Applications

- General Purpose
- Laboratory Use

#### Description

Pasternack's PE38249-12 BNC male right angle to BNC male right angle 12 inch cable using PE-B100 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 male to male gender configuration with 50 ohm flexible PE-B100 coax. The right angle BNC interfaces on the PE-B100 cable allow for easier connections in tight spaces. 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		62		%
Capacitance		38 [124.67]		pF/ft [pF/m]

#### Mechanical Specifications

##### Cable Assembly

Width/Diameter	0.57 in [14.48 mm]
Weight	0.118 lbs [53.52 g]

##### Cable

Cable Type	PE-B100
Impedance	50 Ohms
Inner Conductor Type	Stranded
Inner Conductor Material and Plating	Copper Clad Steel

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**PE38249-12**

Dielectric Type	PE
Number of Shields	2
Shield Layer 1	PVC
Shield Layer 2	Tinned Copper Braid
Jacket Material	PVC, Black
Jacket Diameter	0.101 in [2.57 mm]

**Connectors**

Description	Connector 1	Connector 2
Type	BNC Male Right Angle	BNC Male Right Angle
Impedance	50 Ohms	50 Ohms
Configuration	Right Angle	Right Angle
Contact Material and Plating	Silver	Silver
Body Material and Plating	Brass, Nickel	Brass, Nickel

**Environmental Specifications**

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

**Plotted and Other Data**

Notes:  
Values at 25°C, sea level.

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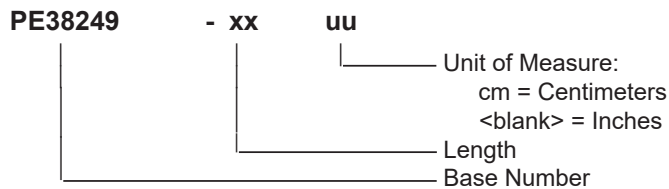


**PE38249-12**

**Typical Performance Data**

**How to Order**

Part Number Configuration:



Example: PE38249-12 = 12 inches long cable  
PE38249-100cm = 100 cm long cable

BNC Male Right Angle to BNC Male Right Angle Cable 12 Inch Length Using PE-B100 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.

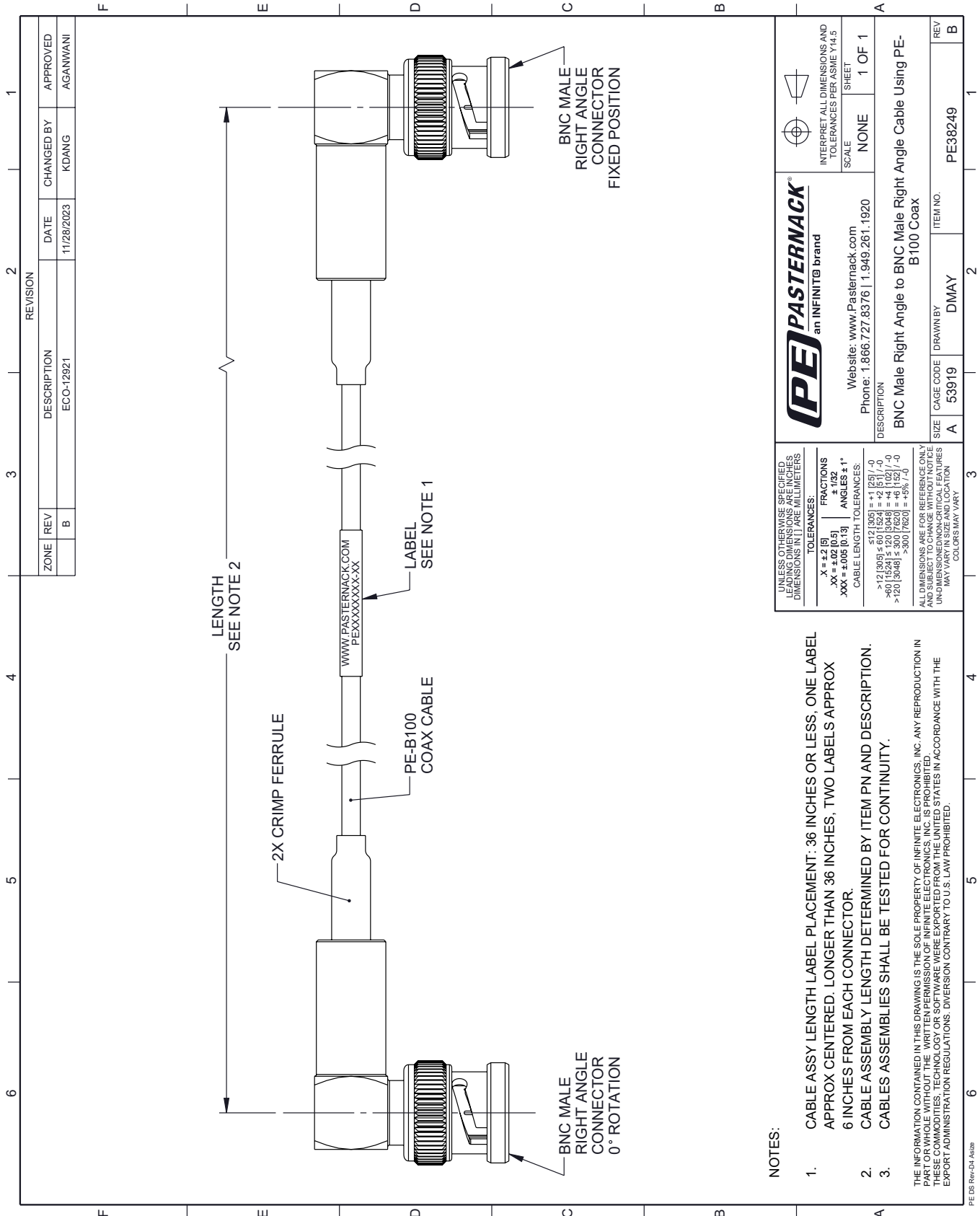
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BNC Male Right Angle to BNC Male Right Angle Cable 12 Inch Length Using PE-B100 Coax PE38249-12](#)

URL: <https://www.pasternack.com/bnc-male-bnc-male-pe-b100-cable-assembly-pe38249-12-p.aspx>

The information contained within 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 Enterprises reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack Enterprises does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack Enterprises does not assume liability arising out of the use of any part or document.

# PE38249-12 CAD Drawing

BNC Male Right Angle to BNC Male Right Angle Cable 12 Inch Length Using PE-B100 Coax



REVISION		DATE	CHANGED BY	APPROVED
ZONE	REV			
	B	11/28/2023	KDANG	AGANWANI
DESCRIPTION				
ECO-12921				

<b>PASTERNAK</b> an INFINITB brand		INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5 SCALE: NONE SHEET: 1 OF 1
Website: <a href="http://www.Pasternack.com">www.Pasternack.com</a> Phone: 1.866.727.8376   1.949.261.1920		DESCRIPTION: BNC Male Right Angle to BNC Male Right Angle Cable Using PE-B100 Coax
SIZE: A	CAGE CODE: 53919 DRAWN BY: DMAY	ITEM NO.: PE38249 REV: B

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

**TOLERANCES:**  
 .X = ±.2 [5]  
 .XX = ±.02 [0.5]  
 .XXX = ±.005 [0.13]

**ANGLES ± 1° ± 1/32**

**CABLE LENGTH TOLERANCES:**  
 <12 [305] ±.60 [1524] = +1 [25] / -0  
 >12 [305] ±.60 [1524] = +2 [51] / -0  
 >40 [1024] ±.120 [3048] = +4 [102] / -0  
 >120 [3048] ±.300 [7620] = +5% [24] / -0

**ALL DIMENSIONS ARE FOR REFERENCE ONLY UNLESS OTHERWISE SPECIFIED. UNDIMENSIONED NON-CRITICAL FEATURES MAY VARY IN SIZE AND LOCATION. COLORS MAY VARY.**

**NOTES:**

- CABLE ASSY LENGTH LABEL PLACEMENT: .36 INCHES OR LESS, ONE LABEL APPROX CENTERED. LONGER THAN .36 INCHES, TWO LABELS APPROX .6 INCHES FROM EACH CONNECTOR.
- CABLE ASSEMBLY LENGTH DETERMINED BY ITEM PN AND DESCRIPTION.
- CABLES ASSEMBLIES SHALL BE TESTED FOR CONTINUITY.

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PE DS Rev-D4-A320