

# BNC Male to BNC Female Cable 60 Inch Length Using RG174 Coax



## **RF Cable Assemblies Technical Data Sheet**

PE3C3325-72

## Configuration

Connector 1: BNC MaleConnector 2: BNC FemaleCable Type: RG174

## **Electrical Specifications**

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		1,000	MHz
VSWR			1.4:1	
Velocity of Propagation		66		%
Capacitance		31.1 [102.03]		pF/ft [pF/m]

#### **Specifications by Frequency**

Description	F1	F2	F3	F4	F5	Units
Frequency	50	100	250	500	1,000	MHz
Insertion Loss (Typ.)	0.41	0.62	0.885	1.258	1.8	dB

## **Mechanical Specifications**

## **Cable Assembly**

Length\* 60 in [152.4 cm]
Diameter 0.57 in [14.48 mm]

#### Cable

Cable Type RG174
Impedance 50 Ohms
Inner Conductor Type Stranded
Inner Conductor Material and Plating Copper C

Inner Conductor Material and Plating

Copper Clad Steel, Silver

Dielectric Type

PE (LD)

Number of Shields

Shield Layer 1 Tinned Copper Braid
Jacket Material PVC, Black
Jacket Diameter 0.11 in [2.79 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: BNC Male to BNC Female Cable 60 Inch Length Using RG174 Coax PE3C3325-72





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#### Connectors

Description	Connector 1	Connector 2  BNC Female	
Туре	BNC Male		
Specification	MIL-STD-348A	MIL-STD-348A	
Impedance	50 Ohms	50 Ohms	
Contact Material and Plating	Brass, Gold	Brass, Gold	
Contact Plating Specification	50μ in. minimum	30 µin minimum	
Dielectric Type	Teflon	PTFE	
Body Material and Plating	Brass, Nickel	Brass, Nickel	
Body Plating Specification	100μ in. minimum	100 µin minimum	
Coupling Nut Material and Plating	Brass, Nickel		
Coupling Nut Plating Specification	100μ in. minimum		

Mechanical Specification Notes:

## **Environmental Specifications**

**Temperature** 

Operating Range -40 to +80 deg C

Compliance Certifications (see product page for current document)

## **Plotted and Other Data**

Notes:

· Values at 25°C, sea level.

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<sup>\*</sup>All cable assemblies have a length tolerance of 1.5% or ± 3/8", whichever is greater.



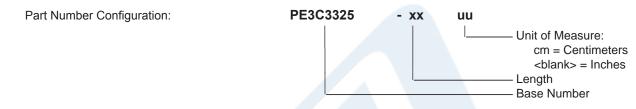
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#### **How to Order**



PE3C3325-12 = 12 inches long cable Example: PE3C3325-100cm = 100 cm long cable

BNC Male to BNC Female Cable 60 Inch Length Using RG174 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 to BNC Female Cable 60 Inch Length Using RG174 Coax PE3C3325-72

URL: https://www.pasternack.com/bnc-male-bnc-female-rg174au-cable-assembly-pe3c3325-72-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.



PE3C3325-72 CAD Drawing
BNC Male to BNC Female Cable 60 Inch Length Using RG174 Coax

