

BNC Male to BNC Male Cable 108 Inch Length Using 75 Ohm RG59 Coax



RF Cable Assemblies Technical Data Sheet

PE3075-108

Configuration

Connector 1: BNC MaleConnector 2: BNC MaleCable Type: RG59

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		1,000	MHz
VSWR			1.4:1	
Velocity of Propagation		66		%
Capacitance		20.6 [67.59]		pF/ft [pF/m]
Operating Voltage (AC)			500	Vrms

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	50	100	250	500	1,000	MHz
Insertion Loss (Max.)	0.36	0.52	0.67	0.9	1.24	dB
VSWR (Max.)	1.4:1	1.4:1	1.4:1	1.4:1	1.4:1	
Return Loss (Max.)	15.56	15.563	15.563	15.563	15.563	dB

Mechanical Specifications

Cable Assembly

 Length*
 108 in [274.32 cm]

 Diameter
 0.571 in [14.5 mm]

 Weight
 3.564 lbs [1.62 Kg]

Cable

Cable TypeRG59Impedance75 OhmsInner Conductor TypeSolidInner Conductor Material and PlatingCopper Clad Steel

Dielectric Type PE Number of Shields 1

Shield Layer 1 Copper Braid

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 Male Cable 108 Inch Length Using 75 Ohm RG59 Coax PE3075-108

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

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Jacket Material Jacket Diameter PVC (NC), Black 0.242 in [6.15 mm]

Connectors

Description	Connector 1	Connector 2		
Туре	BNC Male	BNC Male		
Impedance	50 Ohms	50 Ohms		
Contact Material and Plating	Brass, Gold	Brass, Gold		
Contact Plating Specification	30 μin minimum	30 µin minimum		
Dielectric Type	PTFE	PTFE		
Coupling Nut Material and Plating	Brass, Nickel	Brass, Nickel		
Coupling Nut Plating Specification	100 µin minimum	100 µin minimum		
Body Material and Plating	Brass, Nickel	Brass, Nickel		
Body Plating Specification	100 µin minimum	100 µin 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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^{*}All cable assemblies have a length tolerance of 1.5% or ± 3/8", whichever is greater.



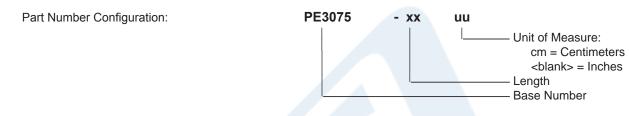
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How to Order



Example: PE3075-12 = 12 inches long cable PE3075-100cm = 100 cm long cable

BNC Male to BNC Male Cable 108 Inch Length Using 75 Ohm RG59 Coax from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

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URL: https://www.pasternack.com/bnc-male-bnc-male-rg59bu-cable-assembly-pe3075-108-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.

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PE3075-108 CAD Drawing
BNC Male to BNC Male Cable 108 Inch Length Using 75 Ohm RG59 Coax

