

BNC Male to BNC Male Cable 18 Inch Length Using 75 Ohm RG59 Coax



RF Cable Assemblies Technical Data Sheet

PE3075-18

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.)	0.23	0.25	0.28	0.32	0.37	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*
 18 in [457.2 mm]

 Diameter
 0.571 in [14.5 mm]

 Weight
 0.639 lbs [289.85 g]

Cable

Cable Type RG59
Impedance 75 Ohms
Inner Conductor Type Solid

Inner Conductor Material and Plating Copper Clad Steel Dielectric Type PE

Dielectric Type P
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 18 Inch Length Using 75 Ohm RG59 Coax PE3075-18

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



BNC Male to BNC Male Cable 18 Inch Length Using 75 Ohm RG59 Coax



RF Cable Assemblies Technical Data Sheet

PE3075-18

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		
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.

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 18 Inch Length Using 75 Ohm RG59 Coax PE3075-18

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

^{*}All cable assemblies have a length tolerance of 1.5% or ± 3/8", whichever is greater.



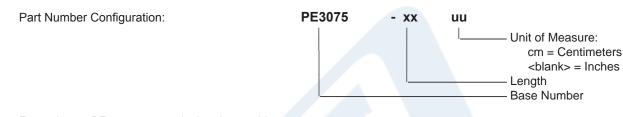
BNC Male to BNC Male Cable 18 Inch Length Using 75 Ohm RG59 Coax



RF Cable Assemblies Technical Data Sheet

PE3075-18

How to Order



Example: PE3075-12 = 12 inches long cable

PE3075-100cm = 100 cm long cable

BNC Male to BNC Male Cable 18 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.

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 18 Inch Length Using 75 Ohm RG59 Coax PE3075-18

URL: https://www.pasternack.com/bnc-male-bnc-male-rg59bu-cable-assembly-pe3075-18-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.

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

PE3075-18 CAD DrawingBNC Male to BNC Male Cable 18 Inch Length Using 75 Ohm RG59 Coax

