

# BNC Male to BNC Male Cable 120 Inch Length Using RG174 Coax, LF Solder, RoHS



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

PE3C2295LF-120

## Configuration

Connector 1: BNC MaleConnector 2: BNC MaleCable 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.) | 0.62 | 1.04 | 1.57 | 2.317 | 3.4   | dB    |

### **Mechanical Specifications**

# Cable Assembly

 Length\*
 120 in [304.8 cm]

 Diameter
 0.57 in [14.48 mm]

 Weight
 0.137 lbs [62.14 g]

#### Cable

Cable TypeRG174Impedance50 OhmsInner Conductor TypeStranded

Inner Conductor Material and Plating Copper Clad Steel, Silver

Dielectric Type PE (LD)
Number of Shields 1

Shield Layer 1 Tinned 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 120 Inch Length Using RG174 Coax, LF Solder, RoHS PE3C2295LF-120

ISO 9001 : 2008 Registered



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Jacket Material Jacket Diameter PVC, Black 0.11 in [2.79 mm]

#### Connectors

| Description                        | Connector 1      | Connector 2      |  |
|------------------------------------|------------------|------------------|--|
| Туре                               | BNC Male         | 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  | 50μ in. minimum  |  |
| Dielectric Type                    | Teflon           | Teflon           |  |
| Body Material and Plating          | Brass, Nickel    | Brass, Nickel    |  |
| Body Plating Specification         | 100μ in. minimum | 100μ in. minimum |  |
| Coupling Nut Material and Plating  | Brass, Nickel    | Brass, Nickel    |  |
| Coupling Nut Plating Specification | 100μ in. minimum | 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.

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 120 Inch Length Using RG174 Coax, LF Solder, RoHS PE3C2295LF-120



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



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## PE3C2295LF-120

#### **How to Order**



Example: PE3C2295LF-12 = 12 inches long cable PE3C2295LF-100cm = 100 cm long cable

BNC Male to BNC Male Cable 120 Inch Length Using RG174 Coax, LF Solder, RoHS 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 Male Cable 120 Inch Length Using RG174 Coax, LF Solder, RoHS PE3C2295LF-120

URL: https://www.pasternack.com/bnc-male-bnc-male-rg174au-cable-assembly-pe3c2295lf-120-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.



**PE3C2295LF-120 CAD Drawing**BNC Male to BNC Male Cable 120 Inch Length Using RG174 Coax, LF Solder, RoHS

