



BNC Male to BNC Female Cable Using RG58 Coax, RoHS

TECHNICAL DATA SHEET

PE3047LF

**Configuration**

Connector 1	BNC Male
Connector 2	BNC Female
Cable Type	RG58

**Electrical Specifications**

Frequency Range	DC to 4 GHz
Impedance	50 Ohms
Maximum VSWR	1.4:1
Velocity of Propagation	65.9 %
RF Shielding	45 dB

**Typical Performance by Frequency**

**Frequency 1**

Frequency	100 MHz
VSWR	1.4:1
Insertion Loss,	0.2 dB/ft [0.82 dB/m]

**Frequency 2**

Frequency	250 MHz
VSWR	1.4:1
Insertion Loss	0.274 dB/ft [0.9 dB/m]

**Frequency 3**

Frequency	500 MHz
VSWR	1.4:1
Insertion Loss	0.316 dB/ft [1.04 dB/m]

**Frequency 4**

Frequency	1000 MHz
VSWR	1.4:1
Insertion Loss	0.4 dB/ft [1.31 dB/m]

**Frequency 5**

Frequency	4 GHz
VSWR	1.4:1
Insertion Loss	0.7 dB/ft [2.3 dB/m]

**Mechanical Specifications**

**Temperature**

Temperature Operating Range	-40 to +80 deg C
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**Size**

Diameter	0.571 in [14.5 mm]
Weight	0.079 lbs [35.83 g]
Cable Color	Black

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 Using RG58 Coax, RoHS PE3047LF](#)



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One Time Minimum Bend Radius	2 in [50.8 mm]
<b>Cable</b>	
Cable Type	RG58
Inner Conductor Type	Stranded
Cable Inner Conductor	Copper, Tin
No of Shields	1
Dielectric Type	PE
Jacket Material	PVC (NC)
Jacket Diameter	0.195 in [4.95 mm]
<b>Connector 1</b>	
Type	BNC Male
Connector 1 Specification	MIL-STD-348A
Configuration	Straight
Inner Conductor Material and Plating	Brass, Gold
Inner Conductor Plating Specification	30μ in. minimum
Body Material and Plating	Brass, Nickel
Body Plating Specification	100μ in. minimum
Dielectric Type	Teflon
<b>Connector 2</b>	
Type	BNC Female
Connector 2 Specification	MIL-STD-348A
Configuration	Straight
Inner Conductor Material and Plating	Brass, Gold
Body Material and Plating	Brass, Nickel
Dielectric Type	Teflon
<b>Compliance Certifications</b> (visit <a href="http://www.Pasternack.com">www.Pasternack.com</a> for current document)	
RoHS Compliant	Yes
REACH Compliant	12/19/2011

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## BNC Male to BNC Female Cable Using RG58 Coax, RoHS

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Notes:

- Values at +25 °C, sea level

BNC Male to BNC Female Cable Using RG58 Coax, RoHS 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.

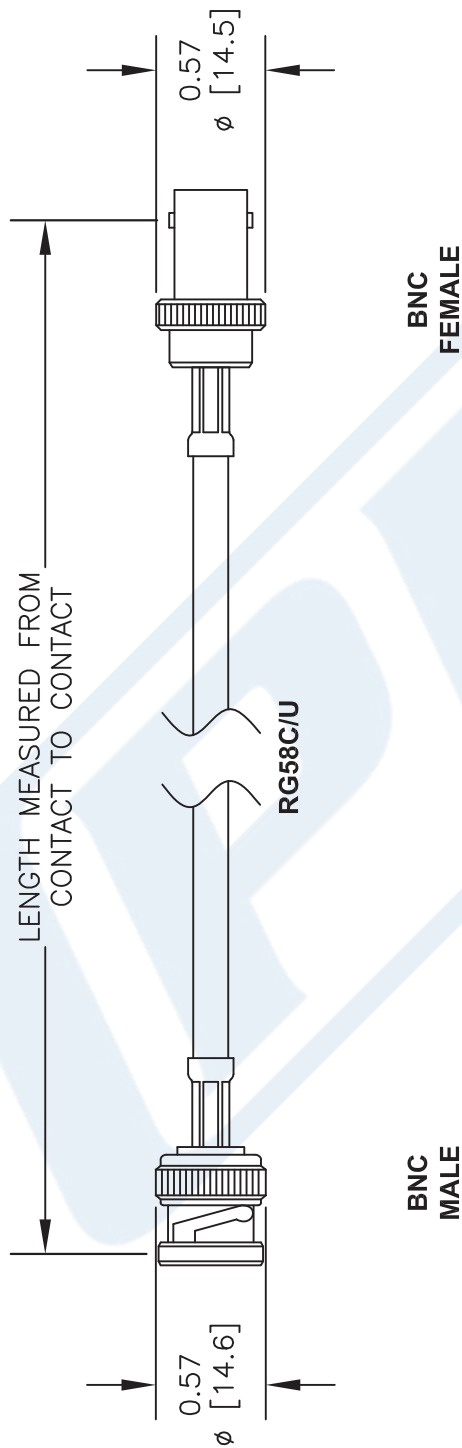
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BNC Male to BNC Female Cable Using RG58 Coax, RoHS PE3047LF](#)

URL: <http://www.pasternack.com/bnc-male-bnc-female-rg58cu-cable-assembly-pe3047lf-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.

# PE3047LF CAD Drawing

BNC Male to BNC Female Cable Using RG58 Coax, RoHS



How To Order		Part # Ext.	Length In Inches	Part # Ext.	Length In Centimeters
<b>Part Number Configuration</b> PE3 [zzz] [yy] - [xx] [uu] 00 - 99999 — LF = RoHS Compliant < Blank > = Standard Note: LF applies only to RF cables		-12	12"	-25CM	25Cm
Examples PE3000LF-100 PE3000-100 PE3000LF-100CM PE3000-100CM		-24	24"	-50CM	50Cm
CM = Centimeters < Blank > = Inches _____ Length		-36	36"	-75CM	75Cm
		-48	48"	-100CM	100Cm
		-60	60"	-125CM	125Cm
		-XX	Custom Length	-XXCM	Custom Length

**NOTES:**  
 1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.  
 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.  
 3. DIMENSIONS ARE IN INCHES [mm].  
 4. LENGTH TOLERANCE IS ± 1.5% OR 3/8", WHICHEVER IS GREATER.

DWG TITLE  
**PE3047LF**

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CAD FILE	080514	SCALE	N/A	SIZE	A
FSCM NO.	53919				2233