



## BNC Male to BNC Male Cable Using RG58 Coax

### RF Cable Assemblies Technical Data Sheet

PE3067

#### Configuration

- Connector 1: BNC Male
- Connector 2: BNC Male
- Cable Type: RG58

#### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		4	GHz
VSWR			1.4:1	
Return Loss	15.563			dB
Velocity of Propagation		65.9		%
RF Shielding	45			dB
Capacitance		30.8 [101.05]		pF/ft [pF/m]
Operating Voltage (AC)			500	Vrms

#### Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	0.1	0.25	0.5	1	4	GHz
Insertion Loss (Typ.)	0.014 [0.05]	0.08 [0.26]	0.13 [0.43]	0.2 [0.66]	0.5 [1.64]	dB/ft [dB/m]

#### Electrical Specification Notes:

Insertion Loss does not include the loss of the connectors. Insertion Loss is estimated as 0.10dB per connector.

#### Mechanical Specifications

##### Cable Assembly

Diameter 0.571 in [14.5 mm]

Weight 0.082 lbs [37.19 g]

##### Cable

Cable Type RG58  
Impedance 50 Ohms  
Inner Conductor Type Stranded  
Inner Conductor Material and Plating Copper, Tin  
Dielectric Type PE

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 Using RG58 Coax PE3067](#)



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Number of Shields	1
Shield Layer 1	Tinned Copper Braid
Jacket Material	PVC (NC), Black
Jacket Diameter	0.195 in [4.95 mm]
One Time Minimum Bend Radius	0.98 in [24.89 mm]
Repeated Minimum Bend Radius	1.96 in [49.78 mm]

#### Connectors

Description	Connector 1	Connector 2
Type	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	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:

\*All cable assemblies have a length tolerance of 1.5% or  $\pm 3/8"$ , whichever is greater.

#### Environmental Specifications

##### Temperature

Operating Range

-40 to +80 deg C

**Compliance Certifications** (see [product page](#) for current document)

#### Plotted and Other Data

Notes:

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 Using RG58 Coax PE3067](#)



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### RF Cable Assemblies Technical Data Sheet

PE3067

#### How to Order

Part Number Configuration:

PE3067

- xx

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Unit of Measure:  
cm = Centimeters  
<blank> = Inches  
Length  
Base Number

Example: PE3067-12 = 12 inches long cable  
PE3067-100cm = 100 cm long cable

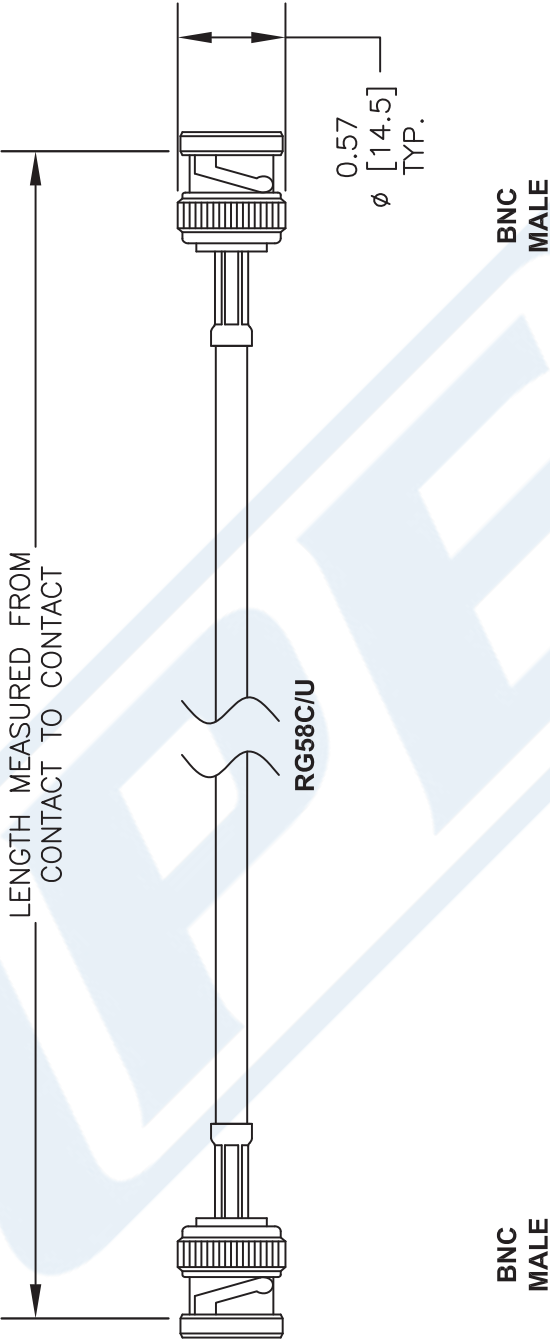
BNC Male to BNC Male Cable Using RG58 Coax from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

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 Using RG58 Coax PE3067](https://www.pasternack.com/bnc-male-bnc-male-rg58cu-cable-assembly-pe3067-p.aspx)

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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.

PE3067 CAD Drawing  
BNC Male to BNC Male Cable Using RG58 Coax



STANDARD TOLERANCES			
.X	±0.2		
.XX	±0.1		
.XXX	±0.05		

\*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

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].

DWG TITLE		CAD FILE		SCALE	
PE3067		102016		N/A	
FSCM NO. 53919		SIZE		A	



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