

Configuration

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

BNC Male to BNC Male Cable 96 Inch Length Using RG58 Coax

RF Cable Assemblies Technical Data Sheet

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 96 Inch Length Using RG58 Coax PE3067-96

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



Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		4	GHz
VSWR			1.4:1	
Return Loss	15.563			dB
/elocity 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.)	0.31	0.84	1.24	1.8	4.2	dB

Mechanical Specifications

Cable Assembly Length* Diameter	96 in [243.84 cm] 0.571 in [14.5 mm]
Weight	0.275 lbs [124.74 g]
Cable Cable Type Impedance Inner Conductor Type Inner Conductor Material and Plating Dielectric Type Number of Shields Shield Layer 1	RG58 50 Ohms Stranded Copper, Tin PE 1 Tinned Copper Braid

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Jacket Material Jacket Diameter

One Time Minimum Bend Radius Repeated Minimum Bend Radius

PVC (NC), Black 0.195 in [4.95 mm]

0.98 in [24.89 mm] 1.96 in [49.78 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	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:

• Values at 25°C, sea level.

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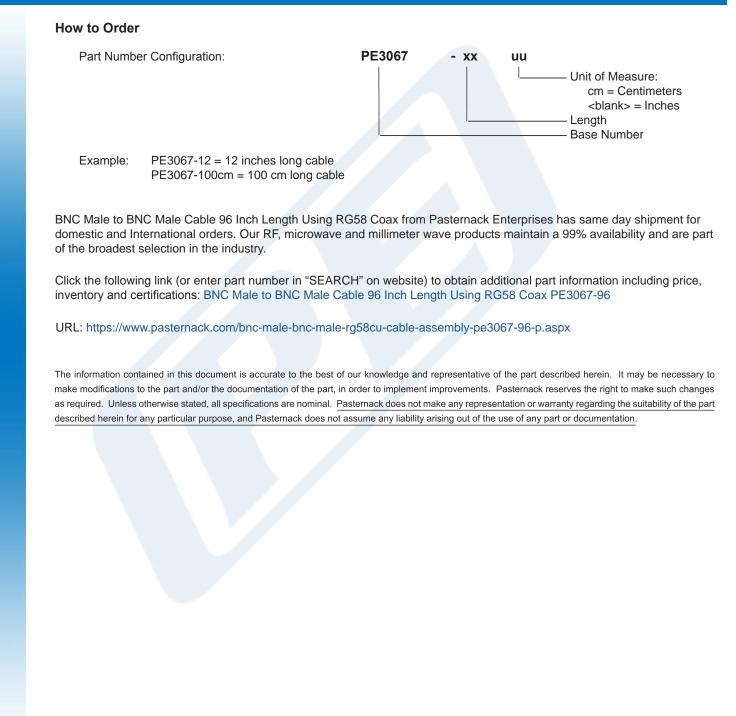


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PE3067-96 CAD Drawing BNC Male to BNC Male Cable 96 Inch Length Using RG58 Coax

