75 Ohm SMB Plug to 75 Ohm BNC Male Cable 48 Inch Length Using 75 Ohm RG179 Coax, RoHS

RF Cable Assemblies Technical Data Sheet | PE33247LF-48

Configuration
- Connector 1: SMB Plug
- Connector 2: BNC Male
- Cable Type: RG179

Features
- Max Frequency 1 GHz
- FEP Jacket

Applications
- General Purpose
- Laboratory Use

Description

Pasternack's PE33247LF-48 75 ohm SMB plug to 75 ohm BNC male 48 inch cable using 75 ohm RG179 coax is part of our full line of RF components available for same-day shipping. Pasternack's flexible RF cable assemblies are ideal for applications where tight bends and flexure are required. This Pasternack SMB to BNC cable assembly has a plug to male gender configuration with 75 ohm flexible RG179 coax. The PE33247LF-48 SMB plug to BNC male cable assembly operates to 1 GHz.

Custom versions of most RF cable assemblies can be built and shipped same day. Custom cable assembly lengths can be obtained by specifying the desired length on the web site at time of order or by contacting a sales representative. Other available RF cable assembly value added services include connector orientation or clocking, heat shrink booting and custom labeling. RF testing can also be performed to document the electrical performance of your cable assembly.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		1,000	MHz
Capacitance		23 [75.46]		pF/ft [pF/m]
Operating Voltage (AC)			335	Vrms

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	50	100	250	500	1,000	MHz

Mechanical Specifications

Cable Assembly

Weight	0.078 lbs [35.38 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 75 Ohm SMB Plug to 75 Ohm BNC Male Cable 48 Inch Length Using 75 Ohm RG179 Coax, RoHS PE33247LF-48

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Cable

Cable Type	RG179
Impedance	75 Ohms
Inner Conductor Type	Stranded
Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Number of Shields	1
Shield Layer 1	Silver Plated Copper Braid
Jacket Material	FEP, Tan
Jacket Diameter	0.1 in [2.54 mm]

Connectors

Description	Connector 1	Connector 2
Type	SMB Plug	BNC Male
Impedance	75 Ohms	75 Ohms
Contact Material and Plating	Beryllium Copper, Gold	Brass, Gold
Contact Plating Specification	30µ in. minimum	30µ in. minimum
Dielectric Type	Teflon	Teflon
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification	100µ in. minimum	100µ in. minimum

Compliance Certifications (see product page for current document)

Plotted and Other Data
Notes:
- Values at 25°C, sea level.

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How to Order

Part Number Configuration: **PE33247LF   - xx   uu**

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

Example: PE33247LF-12 = 12 inches long cable
            PE33247LF-100cm = 100 cm long cable

75 Ohm SMB Plug to 75 Ohm BNC Male Cable 48 Inch Length Using 75 Ohm RG179 Coax, 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: 75 Ohm SMB Plug to 75 Ohm BNC Male Cable 48 Inch Length Using 75 Ohm RG179 Coax, RoHS PE33247LF-48
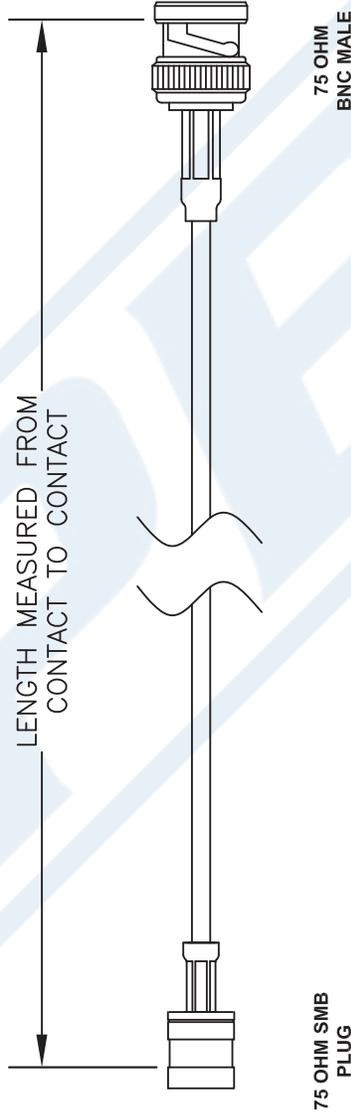
URL: https://www.pasternack.com/smb-plug-bnc-male-rg179bu-cable-assembly-pe33247lf-48-p.aspx

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.

PE33247LF-48 CAD Drawing
75 Ohm SMB Plug to 75 Ohm BNC Male Cable 48 Inch Length Using 75 Ohm RG179 Coax, RoHS

Standard Lengths	
-12	12"
-24	24"
-36	36"
-48	48"
-60	60"
-XXX	Custom Length in Inches

RoHS 2002/95/EC
RoHS Compliance Certified

75 OHM BNC MALE

LENGTH MEASURED FROM CONTACT TO CONTACT

75 OHM SMB PLUG

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				
PE33247LF-XX				
REV. -	FSCM NO. 53919	CAD FILE 012208	SCALE N/A	SIZE A 127

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PE33247LF-48 REV 2.0