PASTERNACK®
THE ENGINEER'S RF SOURCE



75 Ohm Mini SMB Plug to 75 Ohm BNC Male Cable Using 75 Ohm RG179 Coax, RoHS

TECHNICAL DATA SHEET PE34703LF

Configuration

Connector 1	Mini SMB Plug
Connector 2	BNC Male
Cable Type	RG179

Electrical Specifications

Frequency Range	DC to 1,000 MHz
Impedance	75 Ohms
Maximum Operating Voltage	335 Vrms

Typical Performance by Frequency

Frequency 1

Frequency	50 MHz

Frequency 2

Frequency	100 MHz

Frequency 3

Frequency	250 MHz

Frequency 4

Frequency	500 MHz

Frequency 5

Frequency	1000 MHz

Mechanical Specifications

Size

Diameter	0.571 in [14.5 mm]
Weight	0.051 lbs [23.13 g]
Cable Color	Tan

Cable

Cable Type	RG179
Inner Conductor Type	Stranded
Cable Inner Conductor	Copper Clad Steel, Silver
No of Shields	1
Dielectric Type	PTFE
Jacket Material	FEP
Jacket Diameter	0.1 in [2.54 mm]

Connector 1

Type	Mini SMB Plug
Configuration	Straight
Inner Conductor Material and Plating	Beryllium Copper, Gold

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 75 Ohm Mini SMB Plug to 75 Ohm BNC Male Cable Using 75 Ohm RG179 Coax, RoHS PE34703LF

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
Phone: (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
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ISO 9001 : 2008 Registered

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Inner Conductor Plating Specification	30µ in. minimum
Body Material and Plating	Brass, Nickel
Body Plating Specification	100µ in. minimum
Dielectric Type	Teflon

Connector 2

Type	BNC Male
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

Compliance Certifications (visit www.Pasternack.com for current document)

RoHS Compliant	Yes
REACH Compliant	12/15/2010

Notes:

- Values at +25 °C, sea level

75 Ohm Mini SMB Plug to 75 Ohm BNC Male Cable 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% 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 Mini SMB Plug to 75 Ohm BNC Male Cable Using 75 Ohm RG179 Coax, RoHS PE34703LF

URL: http://www.pasternack.com/mini-smb-plug-bnc-male-rg179bu-cable-assembly-pe34703lf-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.

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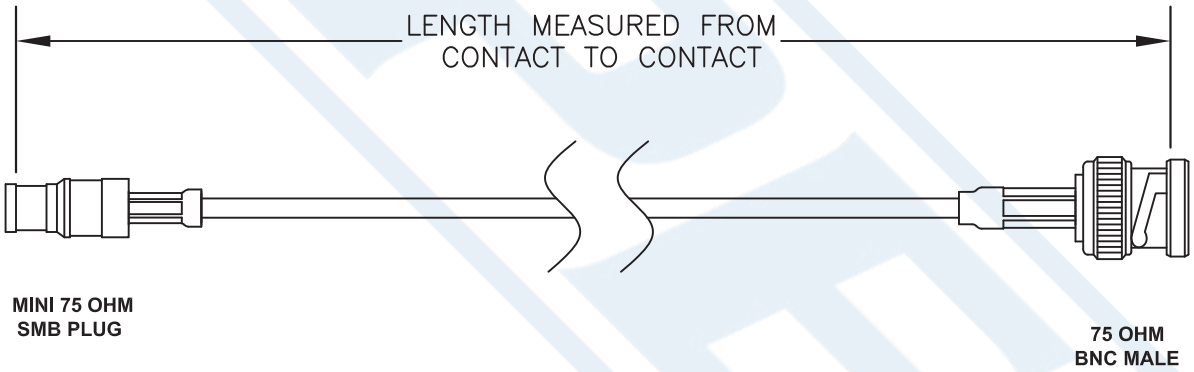
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PE34703LF CAD Drawing

75 Ohm Mini SMB Plug to 75 Ohm BNC Male Cable 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

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DWG TITLE

PE34703LF-XX

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.

REV. A	FSCM NO. 53919	CAD FILE 020508	SCALE N/A	SIZE A	127