



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

TECHNICAL DATA SHEET

PE34703

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
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Frequency 2

Frequency	100 MHz
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Frequency 3

Frequency	250 MHz
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Frequency 4

Frequency	500 MHz
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Frequency 5

Frequency	1000 MHz
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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 PE34703](#)



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Inner Conductor Plating Specification
Body Material and Plating
Body Plating Specification
Dielectric Type

30μ in. minimum
Brass, Nickel
100μ in. minimum
Teflon

Connector 2

Type
Configuration
Inner Conductor Material and Plating
Inner Conductor Plating Specification
Body Material and Plating
Body Plating Specification
Dielectric Type

BNC Male
Straight
Brass, Gold
30μ in. minimum
Brass, Nickel
100μ in. minimum
Teflon

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

For RoHS Compliant version, use PE34703LF. Contact Pasternack if product cannot be found.

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 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 PE34703](http://www.pasternack.com/mini-smb-plug-bnc-male-rg179bu-cable-assembly-pe34703-p.aspx)

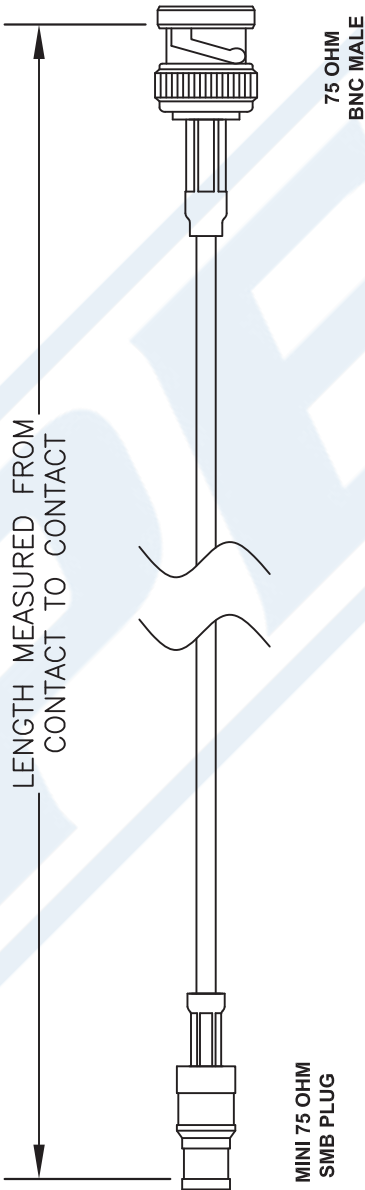
URL: <http://www.pasternack.com/mini-smb-plug-bnc-male-rg179bu-cable-assembly-pe34703-p.aspx>

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.

PE34703 CAD Drawing

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

Standard Lengths	
-12	12"
-24	24"
-36	36"
-48	48"
-60	60"
-XXX	Custom Length 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).
 4. LENGTH TOLERANCE IS $\pm 1.5\%$ OR $3/8"$, WHICHEVER IS GREATER.

DWG TITLE

PE34703-XX

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REV. A

FSCM NO. 53919

CAD FILE 020508

SCALE N/A

SIZE A

127