



75 Ohm BNC Male Connector Clamp/Solder Attachment for RG179, RG187

RF Connectors
Technical Data Sheet

PE4603

Configuration

- BNC Male Connector
- 75 Ohms
- Straight Body Geometry
- Connector Interface Types: RG179, RG187

Features

- Max. Operating Frequency 1 GHz
- Good VSWR of 1.3:1
- Gold Plated Brass Contact
- 30 µm minimum contact plating

Applications

- General Purpose Test
- Custom Cable Assemblies
- CATV

Description

Pasternack's PE4603 75 ohm BNC male connector with clamp/solder attachment for RG179 and RG187 is part of our full line of RF components available for same-day shipping. Our BNC male connector operates up to a maximum frequency of 1 GHz and offers good VSWR of 1.3:1.

Our 75 ohm BNC male connector PE4603 datasheet specifications and drawing with dimensions are shown below in this PDF. Pasternack's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, Pasternack has the right connector for the job. Pasternack can also expertly build your custom cable assemblies for you and ship same-day.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		1,000	MHz
VSWR			1.3:1	
Operating Voltage (AC)			500	Vrms

Mechanical Specifications

Size	
Length	1.08 in [27.43 mm]
Width/Dia.	0.57 in [14.48 mm]
Weight	0.043 lbs [19.5 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 BNC Male Connector Clamp/Solder Attachment for RG179, RG187 PE4603](#)



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Material Specifications

Description	Material	Plating
Contact	Brass	Gold 30 µin minimum
Insulation	PTFE	
Body	Brass	Nickel 100 µin minimum
Coupling Nut	Brass	Nickel 100 µin minimum

Mechanical Specification Notes:

When attaching the connector to the cable use a clamp torque value of 26 to 30 in-lbs [2.94 to 3.39 Nm]

Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

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

Plotted and Other Data

Notes:

75 Ohm BNC Male Connector Clamp/Solder Attachment for RG179, RG187 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 BNC Male Connector Clamp/Solder Attachment for RG179, RG187 PE4603](#)

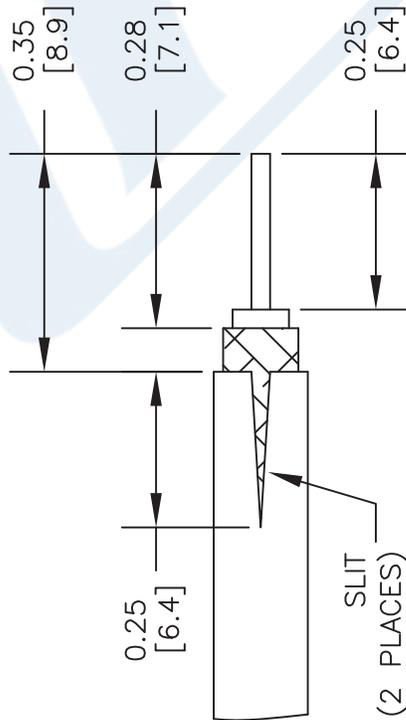
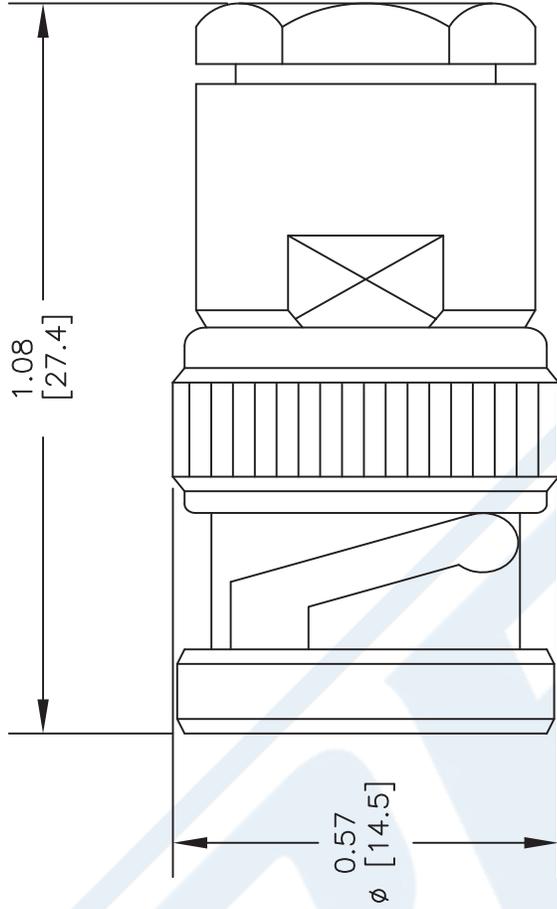
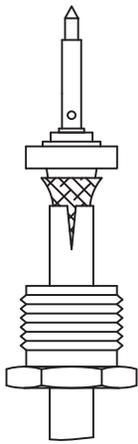
URL: <https://www.pasternack.com/bnc-male-standard-rg179-rg187-connector-pe4603-p.aspx>

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.

PE4603 CAD Drawing

75 Ohm BNC Male Connector Clamp/Solder Attachment for RG179, RG187

CONTACT ASSEMBLY



STRIPPING DIMENSIONS

ASSEMBLY PROCEDURES

1. SLIDE HEX NUT OVER CABLE. STRIP CABLE AS SHOWN.
2. FLARE BRAID AND SLIDE CONTACT ASSEMBLY OVER DIELECTRIC AND UNDER BRAID UNTIL THE CONTACT ASSEMBLY STOPS.
3. TRIM EXCESS BRAID TO DIAMETER OF CONTACT ASSEMBLY. SOLDER CONTACT ONTO CENTER CONDUCTOR.
4. INSERT ASSEMBLY INTO BODY AND TIGHTEN.



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DWG TITLE

PE4603

- 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. FITS MIL-C-17 AND EQUIVALENT CABLES.

CAD REV. A

FSCM NO. 53919

CAD FILE 091212

SCALE N/A

SIZE A

2233