

## 75 Ohm BNC Male Right Angle Connector Crimp/ Solder Attachment for RG59B/U, RG62, RG71



### PE4608

#### Configuration

- BNC Male Connector
- 75 Ohms
- Right Angle Body Geometry
- Connector Interface Types: RG59B/U, RG62, RG71

#### Features

- Max. Operating Frequency 500 MHz
- Good VSWR of 1.5:1
- Gold Plated Brass Contact
- 30  $\mu$ m minimum contact plating

#### Applications

- General Purpose Test
- Custom Cable Assemblies
- CATV

#### Description

Pasternack's PE4608 Right Angle, BNC, Standard, Connector 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 500 MHz and offers good VSWR of 1.5:1. Its right angle body geometry allows for easier connections in tight spaces.

Our 75 ohm BNC male right angle connector PE4608 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		500	MHz
VSWR			1.5:1	
Operating Voltage (AC)			500	Vrms
Impedance		75		Ohms

#### Mechanical Specifications

##### Size

Length	1.138 in [28.91 mm]
Width	0.57 in [14.48 mm]
Height	1.142 in [29.01 mm]
Weight	0.054 lbs [24.49 g]

75 Ohm BNC Male Right Angle Connector Crimp/  
Solder Attachment for RG59B/U, RG62, RG71



**PE4608**

**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

**Environmental Specifications**

Temperature Operating Range	-65 to +165 deg C
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**Compliance Certifications** (see [product page](#) for current document)

**Plotted and Other Data**

Notes:

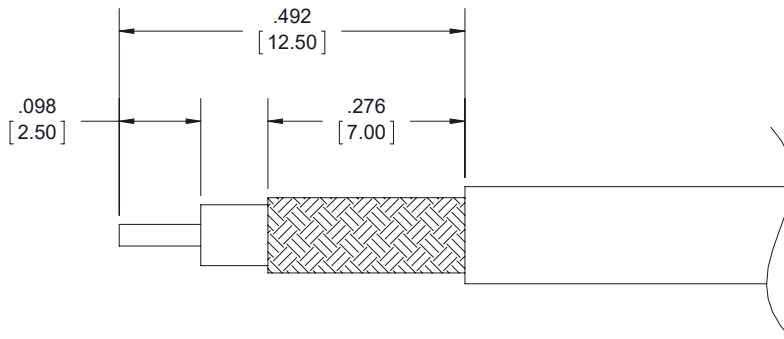
75 Ohm BNC Male Right Angle Connector Crimp/  
Solder Attachment for RG59B/U, RG62, RG71

**PE4608**



**Assembly Instruction**

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**ASSEMBLY PROCEDURES**

1. STRIP CABLE TO THE DIMENSIONS SHOWN, DO NOT NICK CENTER CONDUCTOR OR BRAID.
2. PUSH CENTER CONDUCTOR FULLY INTO CONTACT AND CRIMP WITH CRIMP TOOL.
3. FLARE BRAID AND INSERT THE BODY UNTIL IT SEATS.
4. SLIDE FERRULE OVER BRAID AND CRIMP WITH CRIMP TOOL.

**CRIMP SIZE REQUIRED**

- CONTACT: .068 [1.73] HEX CRIMP TOOL.
- FERRULE: .256 [6.50] HEX CRIMP TOOL.

## 75 Ohm BNC Male Right Angle Connector Crimp/ Solder Attachment for RG59B/U, RG62, RG71



### PE4608

75 Ohm BNC Male Right Angle Connector Crimp/Solder Attachment for RG59B/U, RG62, RG71 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.

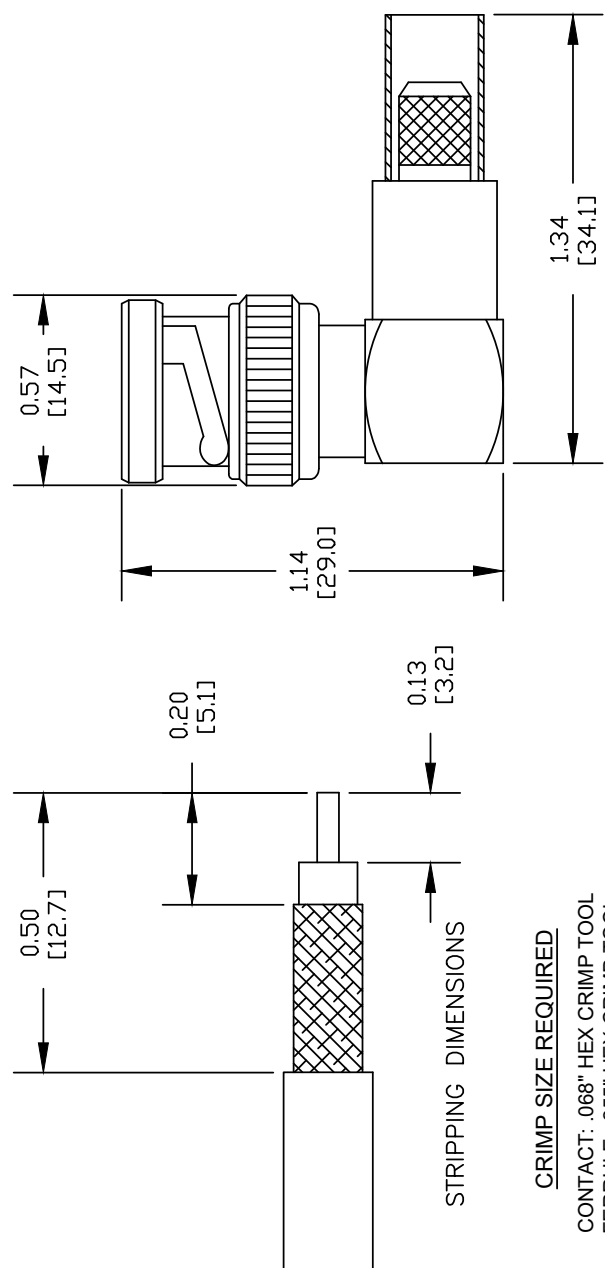
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm BNC Male Right Angle Connector Crimp/Solder Attachment for RG59B/U, RG62, RG71 PE4608](https://www.pasternack.com/bnc-male-rg59b-u-rg62-rg71-connector-pe4608-p.aspx)

URL: <https://www.pasternack.com/bnc-male-rg59b-u-rg62-rg71-connector-pe4608-p.aspx>


The information contained within 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 Enterprises reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack Enterprises does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack Enterprises does not assume liability arising out of the use of any part or document.

PE4608 CAD Drawing

75 Ohm BNC Male Right Angle Connector Crimp/Solder Attachment for RG59B/U, RG62, RG71

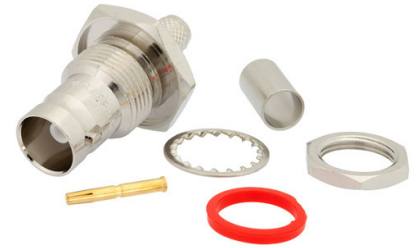


CRIMP SIZE REQUIRED  
CONTACT: .068" HEX CRIMP TOOL  
FERRULE: .255" HEX CRIMP TOOL

<div><div><div><div>PASTERNACK®</div><div>Pasternack Enterprises, Inc.</div><div>P.O. Box 16759   Irvine   CA   92623</div><div>Phone: (949) 261-1920   Fax: (949) 261-7451</div><div>Website: www.pasternack.com   E-Mail: sales@pasternack.com</div></div></div></div>					DWG TITLE		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.		
FSCM NO. 53919		CAD FILE 052402		SCALE N/A	SIZE A	XXXX			
PE4608									

## 75 Ohm BNC Female Bulkhead Mount Connector Crimp/Solder Attachment for RG59B/U, RG62, RG71, .480 inch D Hole

### PE4638



#### Configuration

- BNC Female Connector
- 75 Ohms
- Straight Body Geometry
- Connector Interface Types: RG59B/U, RG62, RG71
- Bulkhead

#### Features

- Max. Operating Frequency 1 GHz
- Gold Plated Brass Contact
- 30  $\mu$ in minimum contact plating

#### Applications

- General Purpose Test
- Rack and Panel Mount Applications
- Custom Cable Assemblies
- CATV

#### Description

Pasternack's PE4638 , BNC, Standard, Connector is part of our full line of RF components available for same-day shipping. Our BNC female connector operates up to a maximum frequency of 1 GHz. This BNC bulkhead connector allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

Our 75 ohm BNC female bulkhead connector PE4638 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
Operating Voltage (AC)			500	Vrms
Impedance		75		Ohms

#### Mechanical Specifications

##### Size

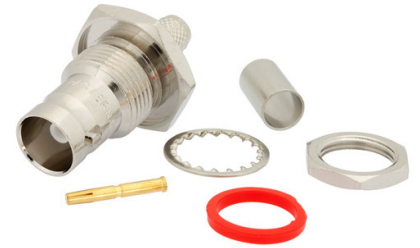
Length	1.24 in [31.5 mm]
Width	0.689 in [17.50 mm]
Height	0 in [0 mm]
Weight	0.043 lbs [19.5 g]

#### Material Specifications

Description	Material	Plating
Contact	Brass	Gold 30 $\mu$ in minimum
Insulation	PTFE	
Body	Brass	Nickel 100 $\mu$ in minimum

## 75 Ohm BNC Female Bulkhead Mount Connector Crimp/Solder Attachment for RG59B/U, RG62, RG71, .480 inch D Hole

**PE4638**



### 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 Female Bulkhead Mount Connector Crimp/Solder Attachment for RG59B/U, RG62, RG71, .480 inch D Hole 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 Female Bulkhead Mount Connector Crimp/Solder Attachment for RG59B/U, RG62, RG71, .480 inch D Hole PE4638](#)

URL: <https://www.pasternack.com/bnc-female-rg59b-u-rg62-rg71-connector-pe4638-p.aspx>

The information contained within 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 Enterprises reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack Enterprises does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack Enterprises does not assume liability arising out of the use of any part or document.

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Attachment for RG59B/U, RG62, RG71, .480 inch D Hole

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REV.	DESCRIPTION	DATE	APPROVED
1.4	PCR PE4638 20190307	03/07/19	J.GARCIA

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1.4	PCR PE4638 20190307	03/07/19	J.GARCIA

1.240±.020 [31.50±0.50]

.472<sup>+.005</sup><sub>-.000</sub> [11.99<sup>+0.13</sup><sub>0.00</sub>]

16mm HEX.

.134 [3.40] MAX. PANEL

17.5mm HEX.

1/2-28 UNEF

.469 [11.90] "D" FLAT

REF.

φ.217 [5.50]

φ.157 [4.00]

CONTACT

630 [16.00]

φ.028 [0.71]

50 Ω BNC FEMALE BULKHEAD

FERRULE

φ.260 [6.60]

φ.295 [7.50]

.500±.012 [12.70±0.30]

.38 [9.7]

.18 [4.6]

.70 [17.8]

#### STRIPPING DIMENSIONS

NOTES:

- CABLE ATTACHMENT:
  - OUTER: CRIMP.
  - INNER: SOLDER/CRIMP.
- CRIMP SIZE REQUIRED:
  - FERRULE: .255 [6.48] HEX. CRIMP TOOL.
  - CONTACT: .068 [1.73] HEX. CRIMP TOOL.

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES DIMENSIONS IN [ ] ARE MILLIMETERS TOLERANCES: X±.2 (5.08) XX±.01 (.25) XXX±.005 (.13) FRACTIONS + 1/32 - 1/32 ANGLES ±1° ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.	<b>PE PASTERNAK</b> an INFINITO brand Pasternack Enterprises, Inc. P.O.Box 16759, Irvine, CA 92623 Phone: 1.949.261.1920   1.866.727.8376 Fax: 1.949.261.7451 www.pasternack.com   e-mail: sales@pasternack.com	THE INFORMATION AND DESIGN IN THIS DOCUMENT ARE THE PROPERTY OF PASTERNAK CORPORATION. ALL RIGHTS RESERVED. SHEET 1 OF 1 SCALE N/A
SIZE A	DRAWN BY 53919	PART NUMBER KDANG
REV 1.4		PE4638

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## 75 Ohm Flexible RG59 Coax Cable Single Shielded with Black PVC (NC) Jacket

### RF Cables Technical Data Sheet

RG59B/U

#### Configuration

- Flexible Cable
- 1 Shield(s)

#### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		1,000	MHz
Impedance		75.3		Ohms
Velocity of Propagation		66		%
Operating Voltage (AC)			2,300	Vrms
Nominal Capacitance		20.4 [66.93]		pF/ft [pF/m]

#### Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	100	200	550	800	1,000	MHz
Attenuation, Max	3.81	5.37	9.18	11.21	12.68	dB/100ft
	12.5	17.62	30.12	36.78	41.6	dB/100m

#### Mechanical Specifications

Diameter	0.242 in [6.15 mm]
Weight	0.039 lbs/ft [0.06 Kg/m]

#### Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper Clad Steel1	0.022 in 0.56 mm
Conductor Type	Solid	
Dielectric	PE	0.146 in 3.71 mm
First Shield	Copper Braid	0.165 in 4.19 mm

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm Flexible RG59 Coax Cable Single Shielded with Black PVC \(NC\) Jacket RG59B/U](#)

## 75 Ohm Flexible RG59 Coax Cable Single Shielded with Black PVC (NC) Jacket

### RF Cables Technical Data Sheet

**RG59B/U**

Jacket	PVC (NC), Black	0.242 in [6.15 mm]
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#### Environmental Specifications

##### Temperature

Operating Range

-25 to +70 deg C

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

#### Plotted and Other Data

Notes:

75 Ohm Flexible RG59 Coax Cable Single Shielded with Black PVC (NC) Jacket 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.

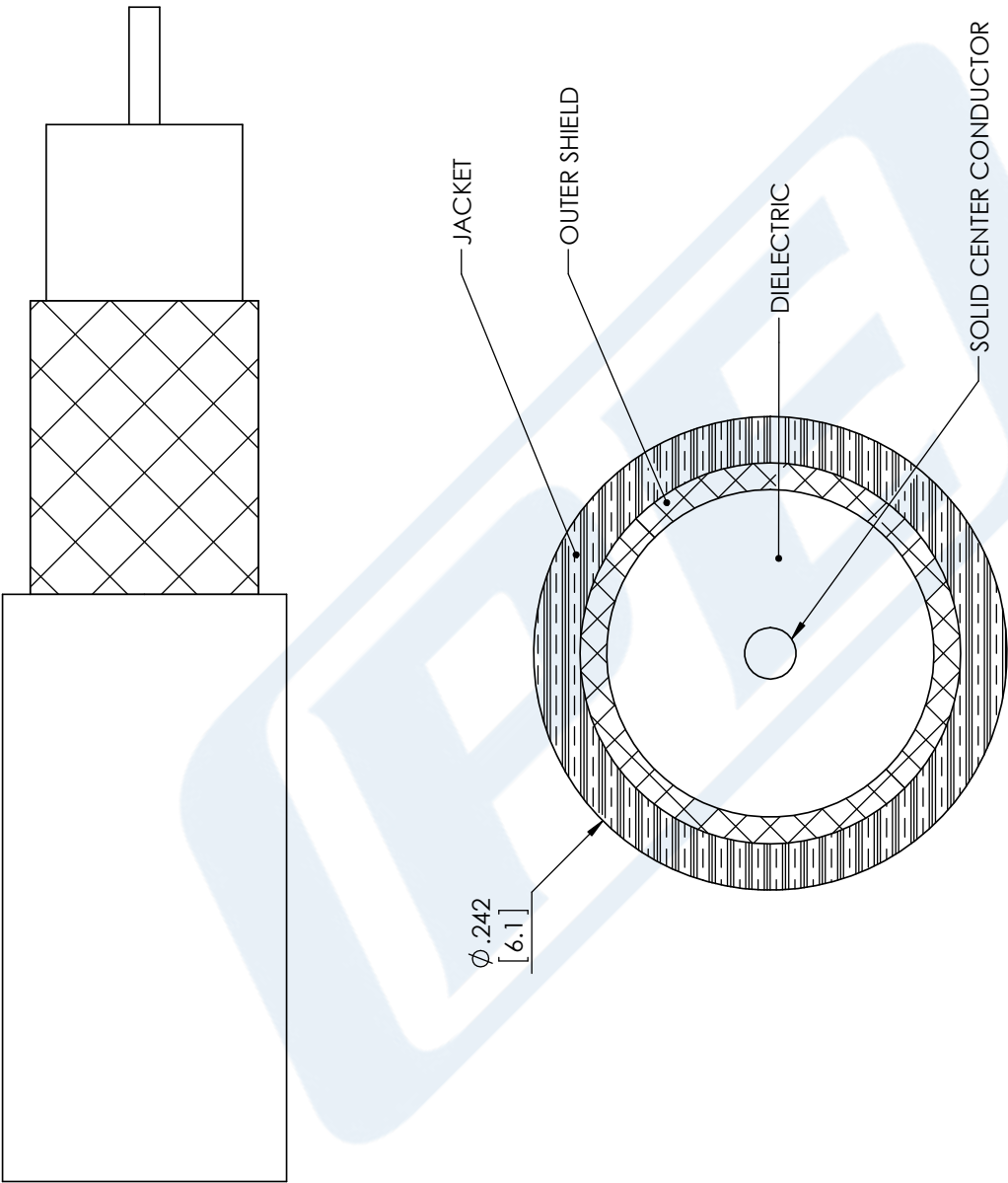
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm Flexible RG59 Coax Cable Single Shielded with Black PVC \(NC\) Jacket RG59B/U](#)

URL: <https://www.pasternack.com/flexible-0.242-rg59-75-ohm-coax-cable-pvc-jacket-rg59b-u-p.aspx>

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RG59B/U CAD Drawing

75 Ohm Flexible RG59 Coax Cable Single Shielded with Black PVC (NC) Jacket



STANDARD TOLERANCES

.X ±0.2  
.XX ±0.01  
.XXX ±0.005

\*STANDARD TOLERANCES APPLY  
ONLY TO DIMENSIONS IN INCHES



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Website: [www.pasternack.com](http://www.pasternack.com) | E-Mail: [sales@pasternack.com](mailto:sales@pasternack.com)

DWG TITLE

RG59B/U

CAGE CODE 53919

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].

CAD FILE 11/28/17

SCALE N/A

SIZE A

CN2245