



75 Ohm BNC Male Connector Crimp/ Solder Attachment for PE-B305

RF Connectors Technical Data Sheet

PE4634

Configuration

- BNC Male Connector
- 75 Ohms
- Straight Body Geometry
- PE-B305 Interface Type
- Crimp/Solder Attachment

Features

- Gold Plated Brass Contact

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE4634 75 ohm BNC male connector crimp/solder attachment for PE-B305 is part of our full line of RF components available for same-day shipping.

Our 75 ohm BNC male connector PE4634 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 connector assemblies for you and ship same-day.

Mechanical Specifications

Size

| | |
|------------|---------------------|
| Length | 1.131 in [28.73 mm] |
| Width/Dia. | 0.57 in [14.48 mm] |
| Weight | 0.027 lbs [12.25 g] |

Material Specifications

| Description | Material | Plating |
|--------------|----------|---------|
| Contact | Brass | Gold |
| Insulation | PTFE | |
| Body | Brass | Nickel |
| Coupling Nut | Brass | Nickel |

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 Crimp/Solder Attachment for PE-B305 PE4634](#)



75 Ohm BNC Male Connector Crimp/ Solder Attachment for PE-B305

RF Connectors Technical Data Sheet

PE4634

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

Plotted and Other Data

Notes:

75 Ohm BNC Male Connector Crimp/Solder Attachment for PE-B305 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.

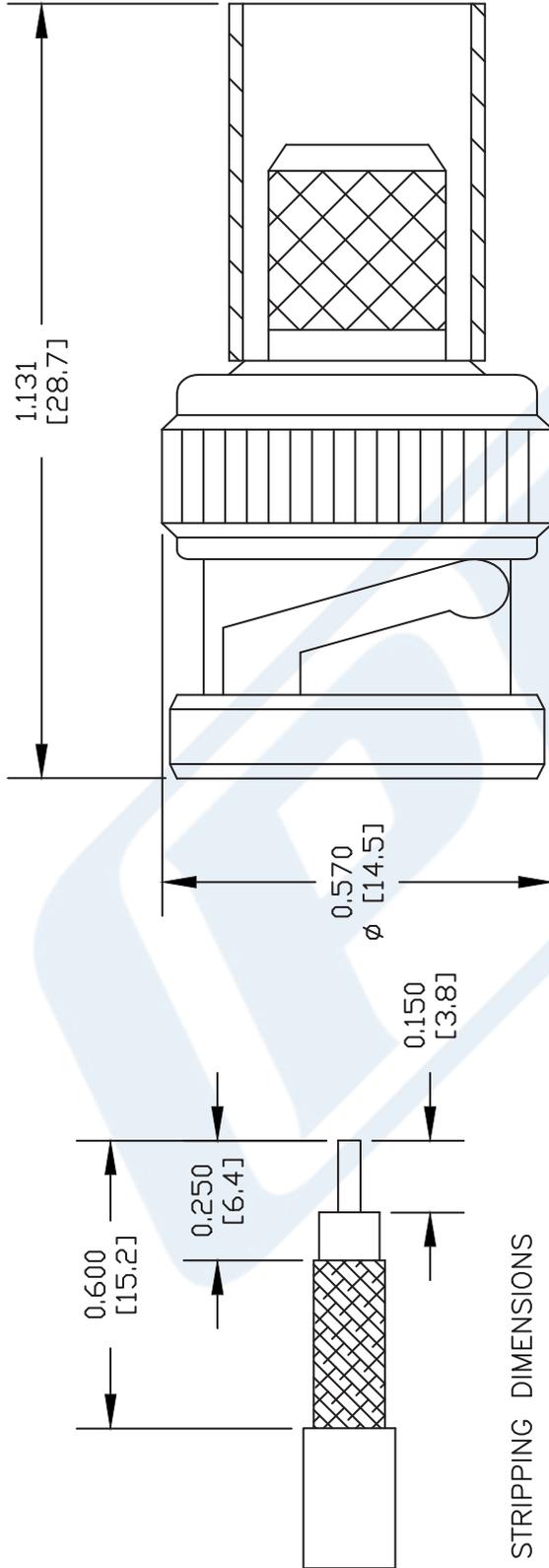
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URL: <https://www.pasternack.com/bnc-male-standard-pe-b305-connector-pe4634-p.aspx>

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PE4634 CAD Drawing

75 Ohm BNC Male Connector Crimp/Solder Attachment for PE-B305



STRIPPING DIMENSIONS

CRIMP SIZE REQUIRED

CONTACT: .068" HEX CRIMP TOOL

FERRULE: .324" HEX CRIMP TOOL



PASTERNAK®

Pasternack Enterprises, Inc.
 P.O. Box 16759 | Irvine | CA | 92623
Phone: (949) 261-1920 | **Fax:** (949) 261-7451
Website: www.pasternack.com | **E-Mail:** sales@pasternack.com

DWG TITLE

PE4634

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 051409-B

SCALE N/A

SIZE A

XXXX



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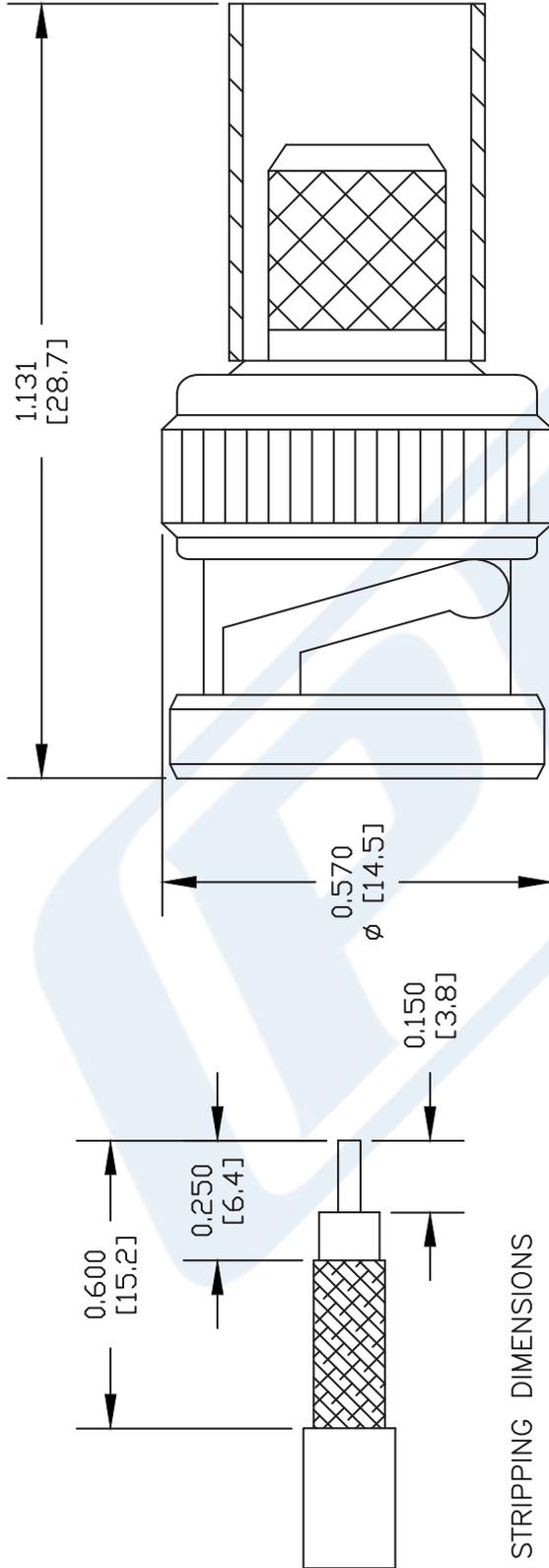
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CAD FILE 051409-B

SCALE N/A

SIZE A

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75 Ohm Flexible RG59 Type Coax Cable Double Shielded with Black PVC Jacket

TECHNICAL DATA SHEET

PE-B305

75 Ohm Flexible RG59 Type Coax Cable Double Shielded with Black PVC Jacket

Configuration

| | |
|--------------------------------------|--|
| Inner Conductor Material and Plating | Copper |
| Dielectric Type | PE |
| Shield Materials | Tinned Copper Braid, Tinned Copper Braid |
| Jacket Material and Color | PVC, Black |

Electrical Specifications

| | |
|----------------------------------|-----------|
| Impedance, Ohms | 75 |
| Maximum Operating Frequency, MHz | 1000 |
| Capacitance, pF/ft [pF/m] | 21 [68.9] |
| Maximum Operating Voltage, Volts | 2,900 |

Electrical Specifications by Frequency

Frequency 1

| | |
|---------------------------------|-------------|
| Frequency, MHz | 10 |
| Attenuation, dB/100ft [dB/100m] | 0.78 [2.56] |
| Power Handling, Watts | 595 |

Frequency 2

| | |
|---------------------------------|-----------|
| Frequency, MHz | 100 |
| Attenuation, dB/100ft [dB/100m] | 2.5 [8.2] |
| Power Handling, Watts | 187 |

Frequency 3

| | |
|---------------------------------|-------------|
| Frequency, MHz | 720 |
| Attenuation, dB/100ft [dB/100m] | 7.4 [24.28] |
| Power Handling, Watts | 64 |

Frequency 4

| | |
|---------------------------------|-------------|
| Frequency, MHz | 1000 |
| Attenuation, dB/100ft [dB/100m] | 9.2 [30.18] |
| Power Handling, Watts | 52 |

Frequency 5

| | |
|---------------------------------|------------|
| Frequency, GHz | 5 |
| Attenuation, dB/100ft [dB/100m] | 23 [75.46] |

Mechanical Specifications

Temperature

| | |
|------------------------|------------|
| Operating Range, deg C | -40 to +80 |
|------------------------|------------|

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 Type Coax Cable Double Shielded with Black PVC Jacket PE-B305](#)

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75 Ohm Flexible RG59 Type Coax Cable Double Shielded with Black PVC Jacket

TECHNICAL DATA SHEET

PE-B305
Inner Conductor

| | |
|-------------------|--------------|
| Number of Strands | 1 |
| Material | Copper |
| Diameter, in [mm] | 0.031 [0.79] |

Dielectric:

| | |
|-------------------|--------------|
| Type | PE |
| Diameter, in [mm] | 0.198 [5.03] |

Shield:

| | |
|------------|---------------------|
| Number of | 2 |
| Material 1 | Tinned Copper Braid |
| Material 2 | Tinned Copper Braid |

Jacket:

| | |
|-----------------------|--------------|
| Material | PVC |
| Diameter, in [mm] | 0.305 [7.75] |
| Color | Black |
| Weight, lbs/ft [Kg/m] | 0.074 [0.11] |

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

Plotted and Other Data

Notes: Values at 25 °C, sea level

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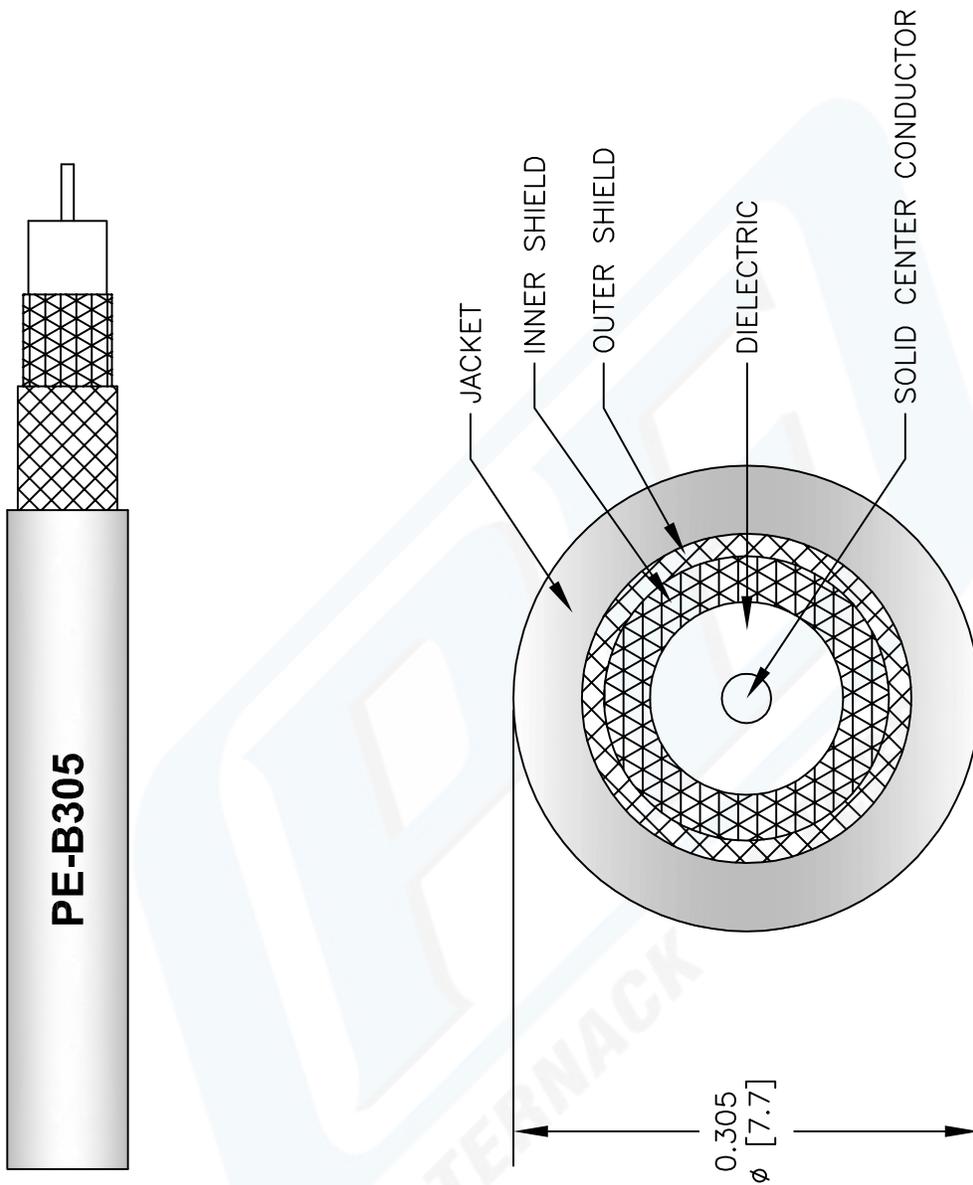
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SIZE A

CAD FILE 040113-A

127

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