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# 75 Ohm BNC Male Connector Clamp/Solder Attachment For RG59



## TECHNICAL DATA SHEET PE4601

**75 Ohm BNC Male Connector Clamp/Solder Attachment For RG59**

### Configuration

| | |
|---|---|
| Connector | BNC Male |
| Connector Interface Type | RG59 |
| Cable Attachment Method (Shield/Contact) | Clamp/Solder |
| Body Style | Straight |

### Electrical Specifications

| | |
|---|---|
| Frequency Range, MHz | DC to 1,000 |
| Impedance, Ohms | 75 |
| Maximum VSWR | 1.5:1 |
| Maximum Operating Voltage, Volts | 500 |
| Dielectric Withstanding Voltage, Vrms | 1,500 |

### Mechanical Specifications

**Temperature**

| | |
|---|---|
| Operating Range, deg C | -65 to +165 |

**Size**

| | |
|---|---|
| Length, in [mm] | 1.09 [27.69] |
| Width/Dia., in [mm] | 0.571 [15] |
| Weight, lbs [g] | 0.034 [15.42] |

**Connector**

| | |
|---|---|
| Type | BNC Male |
| Contact Material and Plating | Brass, Gold |
| Contact Plating Specification | 30µ in. minimum |
| Coupling Nut Material and Plating | Brass, Nickel |
| Coupling Nut Plating Specification | 100µ 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 |

### Plotted and Other Data

| | |
|---|---|
| Notes: | Values at 25 °C, sea level |

URL: http://www.pasternack.com/bnc-male-standard-rg59-connector-pe4601-p.aspx

75 Ohm BNC Male Connector Clamp/Solder Attachment For RG59 from Pasternack Enterprises has same day shipment for domestic and International orders. We maintain 99% availability of the industry's broadest selection of RF, microwave and fiber optic products.

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.

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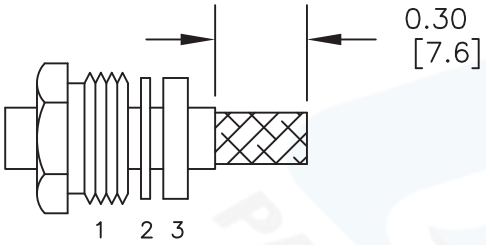
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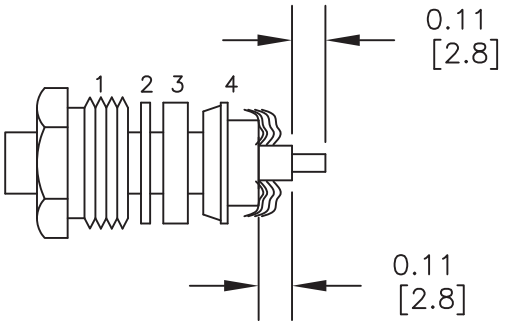


## ASSEMBLY PROCEDURES

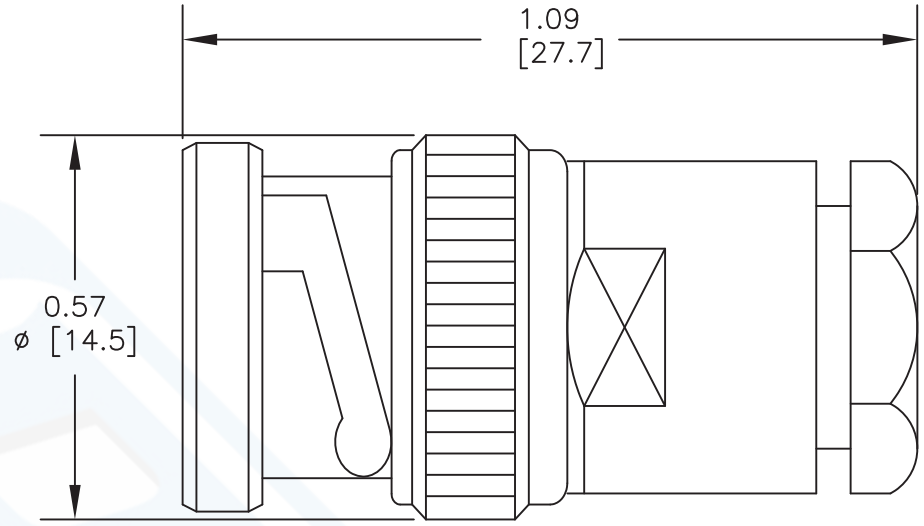
1. SLIDE CLAMP NUT (1), WASHER (2) & GASKET (3) OVER CABLE. STRIP CABLE AS SHOWN. DO NOT NICK BRAID WHILE CUTTING JACKET. TAPER END OF BRAID TO PERMIT ASSEMBLY OF BRAID CLAMP (4). SLIDE BRAID CLAMP (4) OVER BRAID & SEAT AGAINST CABLE.




2. FORM BRAID OVER CLAMP NUT (4). TRIM BRAID BACK TO SHOULDER. CUT DIELECTRIC & CENTER CONDUCTOR TO DIMENSION SHOWN. DO NOT NICK CENTER CONDUCTOR. SOLDER CONTACT TO CENTER CONDUCTOR. REMOVE EXCESS SOLDER. DO NOT OVER HEAT DIELECTRIC. INSERT CABLE ASSEMBLY INTO BODY & TIGHTEN.




NOTE:
RG62 USES PTFE INSERT. INSERT PTFE BEFORE CONTACT. TAPER END FIRST.




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DWG TITLE
**PE4601**

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 | 2233 |
|---|---|---|---|---|

**PE4601 CAD Drawing**
75 Ohm BNC Male Connector Clamp/Solder Attachment For RG59