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# 75 Ohm SMB Positive Snap Plug Connector Crimp/ Solder Attachment For RG59, RG62



## TECHNICAL DATA SHEET PE44442

**75 Ohm SMB Positive Snap Plug Connector Crimp/Solder Attachment For RG59, RG62**

### Configuration

| | |
|---|---|
| Connector | SMB Positive Snap Plug |
| Connector Interface Type | RG59,RG62 |
| Cable Attachment Method (Shield/Contact) | Crimp/Solder |
| Body Style | Straight |

### Electrical Specifications

| | |
|---|---|
| Impedance, Ohms | 75 |

### Mechanical Specifications

**Size**

| | |
|---|---|
| Length, in [mm] | 1.18 [29.97] |
| Width/Dia., in [mm] | 0.4 [10.16] |
| Weight, lbs [g] | 0.02 [9.07] |

**Connector**

| | |
|---|---|
| Type | SMB Positive Snap Plug |
| Contact Material and Plating | Gold |
| Coupling Nut Material and Plating | Brass, Nickel |
| Body Material and Plating | Brass, Nickel |
| Dielectric Type | PTFE |

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

| | |
|---|---|
| RoHS Compliant | Yes |

### Plotted and Other Data

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

75 Ohm SMB Positive Snap Plug Connector Crimp/Solder Attachment For RG59, RG62 from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic 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 SMB Positive Snap Plug Connector Crimp/Solder Attachment For RG59, RG62 PE44442

URL: http://www.pasternack.com/smb-positive-snap-plug-standard-rg59-rg62-connector-pe44442-p.aspx

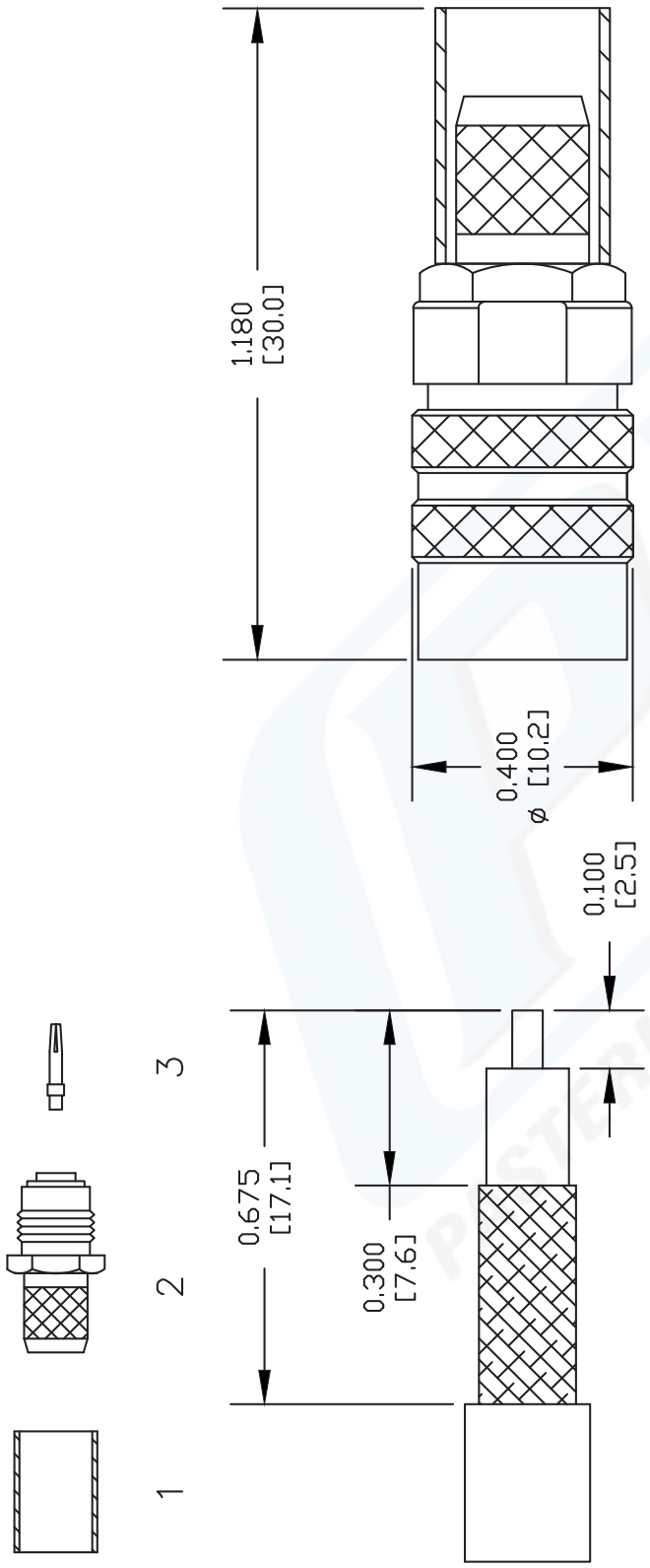
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# PE44442 CAD Drawing

75 Ohm SMB Positive Snap Plug Connector Crimp/Solder Attachment For RG59, RG62




STRIPPING DIMENSIONS

ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN & SLIDE FERRULE (1) ONTO CABLE. TIN CENTER CONDUCTOR.
2. ADD CRIMP NUT (2) BY SLIDING EXTENSION BETWEEN BRAID & DIELECTRIC. SLIDE FERRULE (1) OVER BRAID & CRIMP.
3. SOLDER CONTACT (3) TO CENTER CONDUCTOR. SLIDE ASSEMBLY INTO BODY & TIGHTEN

CRIMP SIZE REQUIRED

CONTACT: SOLDER
FERRULE: .255" HEX CRIMP TOOL

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.

| DWG TITLE | CAD FILE | SCALE | SIZE |
|---|---|---|---|
| PE44442 | 080504 | N/A | A |

FSCM NO. 53919

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# 75 Ohm SMB Plug Right Angle Connector Clamp/ Solder Attachment For RG59, RG62



## TECHNICAL DATA SHEET PE4264

**75 Ohm SMB Plug Right Angle Connector Clamp/Solder Attachment For RG59, RG62**

### Configuration

| | |
|---|---|
| Connector | SMB Plug |
| Connector Specification | MIL-C-39012 |
| Connector Interface Type | RG59,RG62 |
| Cable Attachment Method (Shield/Contact) | Clamp/Solder |
| Body Style | Right Angle |

### Electrical Specifications

| | |
|---|---|
| Impedance, Ohms | 75 |

### Mechanical Specifications

**Temperature**

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

**Size**

| | |
|---|---|
| Length, in [mm] | 0.71 [18.03] |
| Height, in [mm] | 0.688 [17.48] |
| Weight, lbs [g] | 0.027 [12.25] |

**Connector**

| | |
|---|---|
| Type | SMB Plug |
| Contact Material and Plating | Gold |
| Contact Plating Specification | MIL-G-45204 |
| Body Material and Plating | Brass, Nickel |
| 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 |

75 Ohm SMB Plug Right Angle Connector Clamp/Solder Attachment For RG59, RG62 from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic 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 SMB Plug Right Angle Connector Clamp/Solder Attachment For RG59, RG62 PE4264

URL: http://www.pasternack.com/smb-plug-standard-rg59-rg62-connector-pe4264-p.aspx

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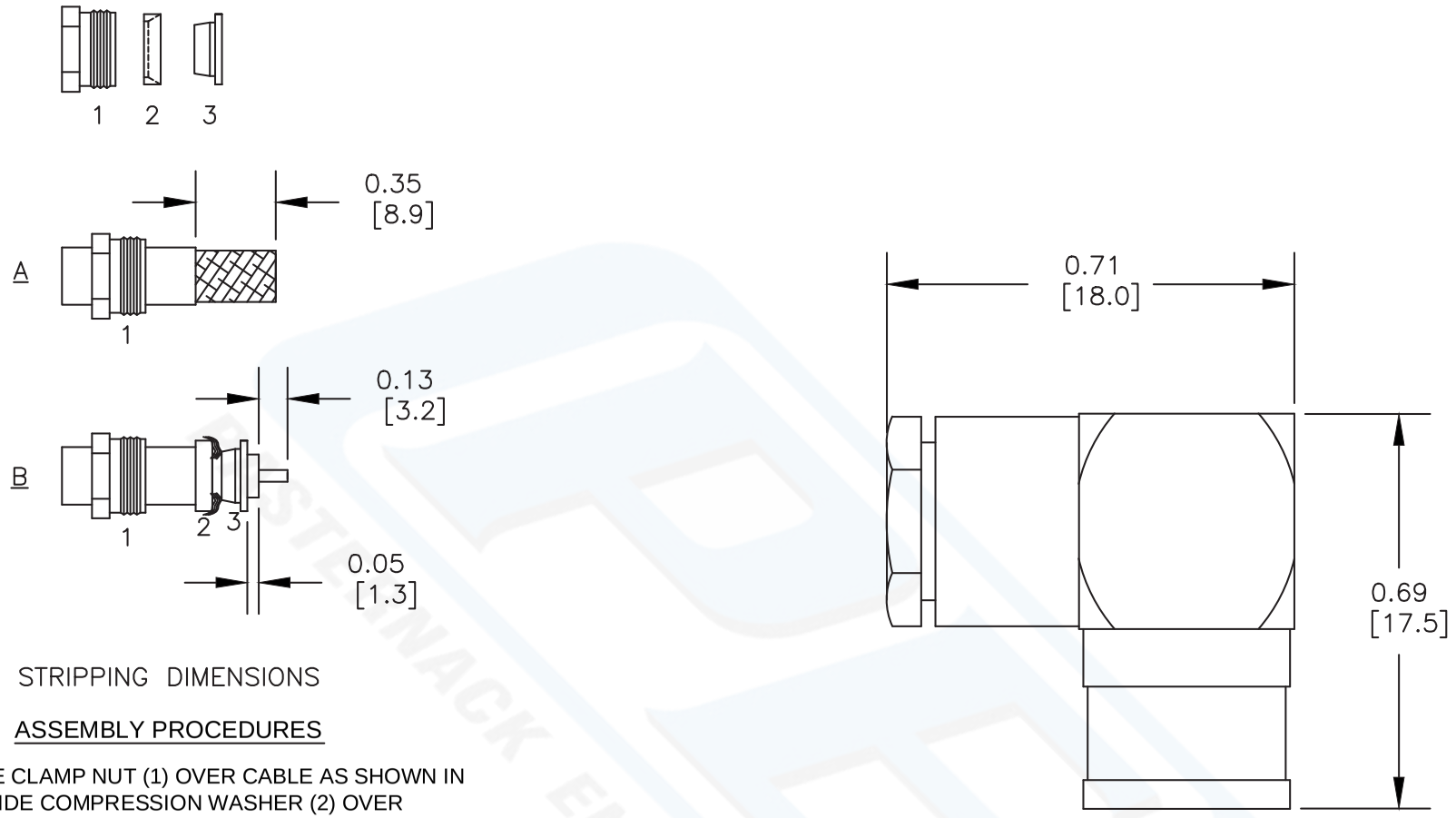
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# PE4264 CAD Drawing

75 Ohm SMB Plug Right Angle Connector Clamp/Solder Attachment For RG59, RG62




STRIPPING DIMENSIONS

## ASSEMBLY PROCEDURES

1. SLIDE CLAMP NUT (1) OVER CABLE AS SHOWN IN A. SLIDE COMPRESSION WASHER (2) OVER BRAID & SEAT AGAINST JACKET. FLAIR BRAID OVER COMPRESSION WASHER (2).

2. SLIDE BRAID CLAMP (3) OVER DIELECTRIC & UNDER BRAID. PUSH INTO WASHER UNTIL IT STOPS. STRIP CABLE AS SHOWN IN B. TRIM EXCESS BRAID FLUSH WITH SURFACE OF COMPRESSION WASHER (2). INSERT CABLE ASSEMBLY INTO BODY & TIGHTEN.

3. SOLDER CENTER CONDUCTOR IN PLACE & PRESS CAP DOWN.

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DWG TITLE

**PE4264**

NOTES:
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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.

| REV. - | FSCM NO. 53919 | CAD FILE 042309 | SCALE N/A | SIZE A | 2233 |
|---|---|---|---|---|---|

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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

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# 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] |

### 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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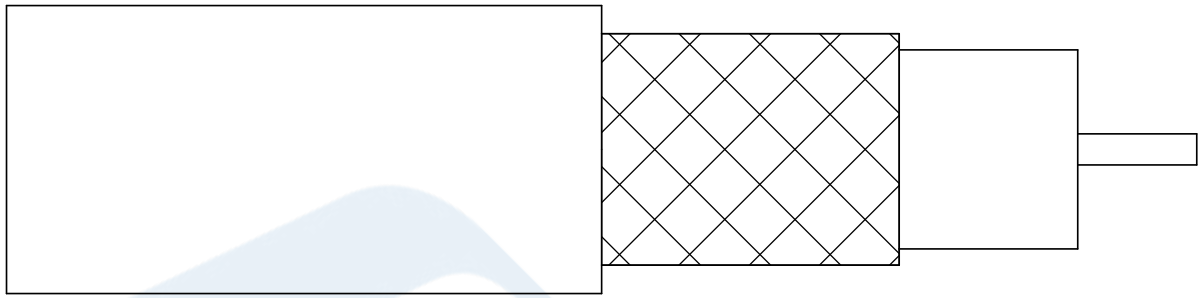
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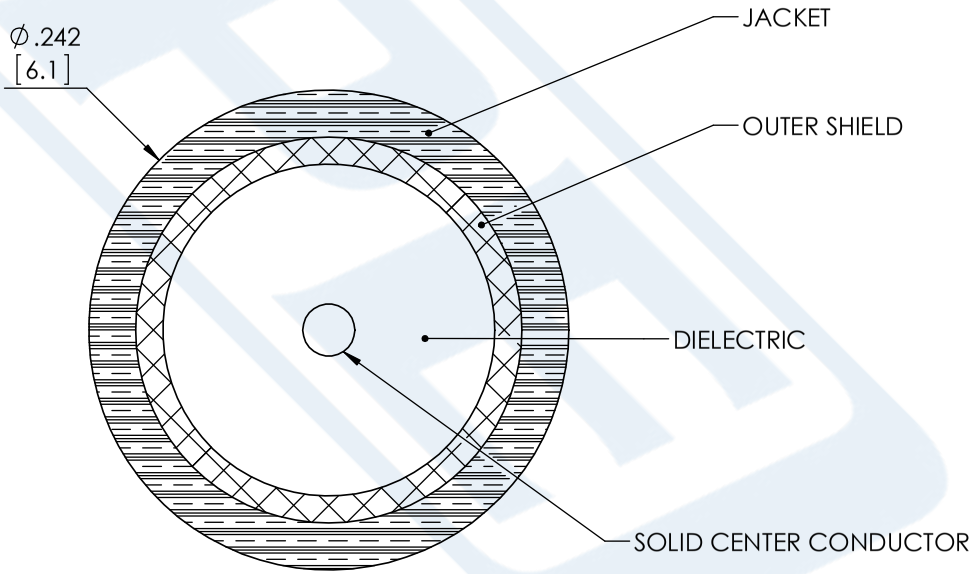
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# RG59B/U CAD Drawing

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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**DWG TITLE**
RG59B/U

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| CAGE CODE 53919 | CAD FILE 11/28/17 | SCALE N/A | SIZE A | CN2245 |
|---|---|---|---|---|