



## 75 Ohm SMB Plug Connector Clamp/Solder Attachment for RG59, RG62, RG71

### RF Connectors Technical Data Sheet

PE4203

#### Configuration

- SMB Plug Connector
- 75 Ohms
- Straight Body Geometry

- RG59, RG62, RG71 Interface Type
- Clamp/Solder Attachment

#### Features

- Gold Plated Contact

#### Applications

- General Purpose Test
- Custom Cable Assemblies

#### Description

Pasternack's PE4203 75 ohm SMB plug connector with clamp/solder attachment for RG59, RG62 and RG71 is part of our full line of RF components available for same-day shipping.

Our 75 ohm SMB plug connector PE4203 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.

#### Mechanical Specifications

##### Size

Length  
Width/Dia.

0.845 in [21.46 mm]

0.406 in [10.31 mm]

Weight

0.019 lbs [8.62 g]

#### Material Specifications

Description	Material	Plating
Contact		Gold
Insulation	PTFE	
Body	Brass	Gold

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 Connector Clamp/Solder Attachment for RG59, RG62, RG71 PE4203](#)



## 75 Ohm SMB Plug Connector Clamp/Solder Attachment for RG59, RG62, RG71

### RF Connectors Technical Data Sheet

PE4203

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

#### Plotted and Other Data

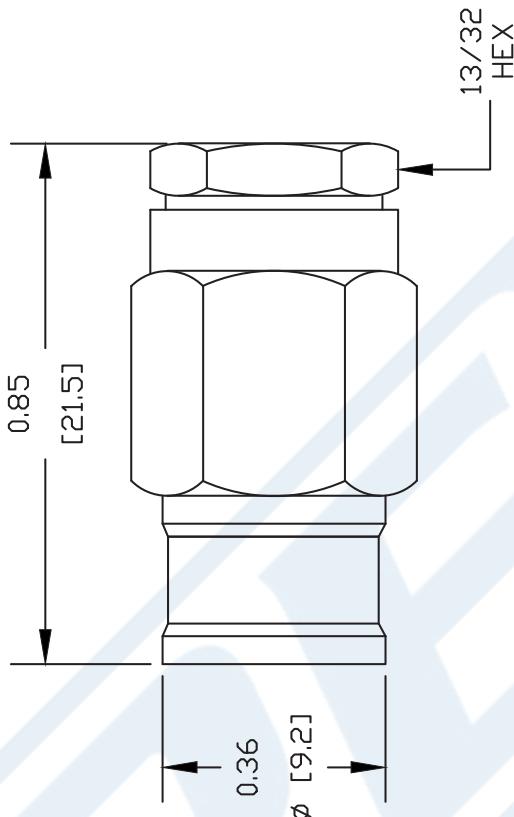
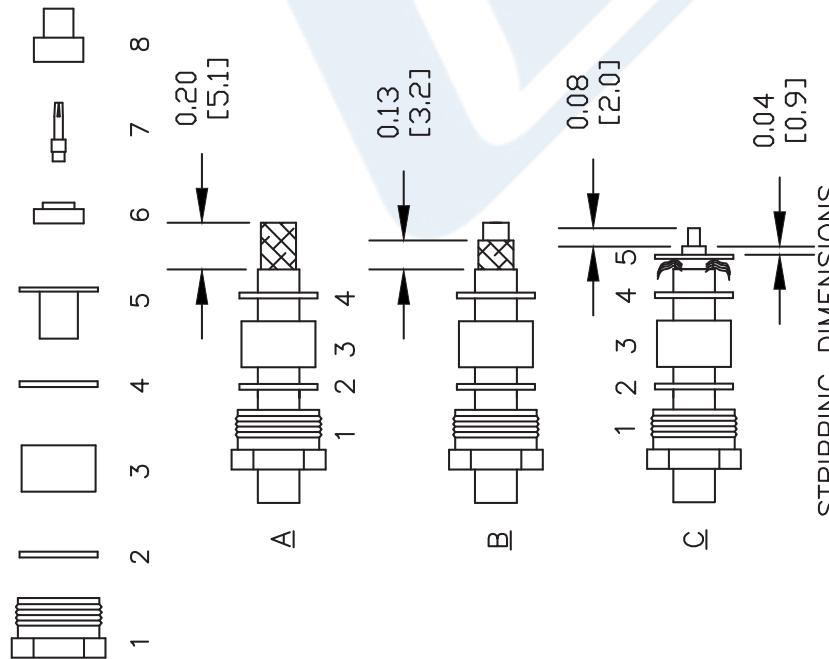
Notes:

75 Ohm SMB Plug Connector Clamp/Solder Attachment for RG59, RG62, RG71 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/smb-plug-standard-rg59-rg62-connector-pe4203-p.aspx>

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STRIPPING DIMENSIONS  
ASSEMBLY PROCEDURES

1. SLIDE CLAMP NUT (1), WASHER (2), GASKET (3) & WASHER (4) OVER CABLE. STRIP CABLE AS SHOWN IN A & B. FLAIR BRAID.
2. SLIDE EXTENSION (5) BETWEEN BRAID & DIELECTRIC TILL IT IS RESTING AGAINST JACKET. TRIM BRAID BACK TO SHOULDERS OF EXTENSION (5). STRIP CABLE AS SHOWN IN C. SLIDE INSULATOR (6) OVER CENTER CONDUCTOR. SOLDER CONTACT (7) TO CENTER CONDUCTOR. SLIDE INSULATOR (8) OVER CONTACT (7).
3. THEN SLIDE ASSEMBLY FORWARD INTO BODY & TIGHTEN.

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  
**PE4203**

**PE PASTERNACK**  
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REV. - FSCM NO. 53919 CAD FILE 042309 SCALE N/A SIZE A 147



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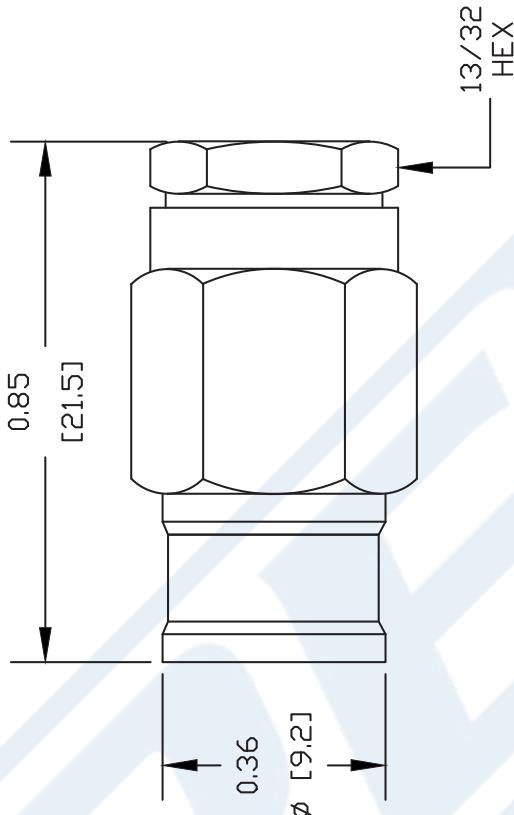
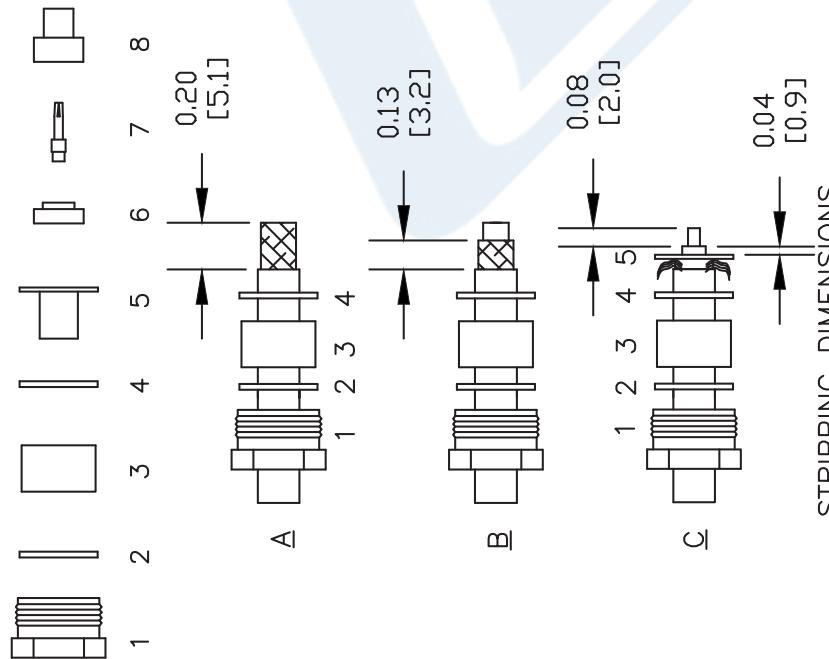
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REV. - FSCM NO. 53919 CAD FILE 042309 SCALE N/A SIZE A 147

## 93 Ohm Flexible RG62 Coax Cable Single Shielded with Black PVC Jacket

### TECHNICAL DATA SHEET

### RG62A/U

#### 93 Ohm Flexible RG62 Coax Cable Single Shielded with Black PVC Jacket

##### Configuration

Inner Conductor Material and Plating	Copper Clad Steel
Dielectric Type	PE (AS)
Shield Materials	Copper Braid
Jacket Material and Color	PVC, Black

##### Electrical Specifications

Impedance, Ohms	93
Velocity of Propagation, %	83
Maximum Operating Frequency, MHz	1000
RF Shielding, dB	45
Capacitance, pF/ft [pF/m]	14.5 [47.57]

##### Electrical Specifications by Frequency

###### Frequency 1

Frequency, MHz	10
Attenuation, dB/100ft [dB/100m]	0.9 [2.95]

###### Frequency 2

Frequency, MHz	200
Attenuation, dB/100ft [dB/100m]	3.8 [12.47]

###### Frequency 3

Frequency, MHz	1000
Attenuation, dB/100ft [dB/100m]	8.7 [28.54]

##### Mechanical Specifications

###### Temperature

Operating Range, deg C	-40 to +80
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###### Inner Conductor

Number of Strands	1
Material	Copper Clad Steel
Diameter, in [mm]	0.025 [0.64]

###### Dielectric:

Type	PE (AS)
Diameter, in [mm]	0.146 [3.71]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [93 Ohm Flexible RG62 Coax Cable Single Shielded with Black PVC Jacket RG62A/U](#)

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## 93 Ohm Flexible RG62 Coax Cable Single Shielded with Black PVC Jacket

### TECHNICAL DATA SHEET

RG62A/U

**Shield:**

Number of  
Material 1

1  
Copper Braid

**Jacket:**

Material

PVC

Diameter, in [mm]

0.242 [6.15]

Color

Black

One Time Minimum Bend Radius, in [mm]

2.5 [63.5]

Weight, lbs/ft [Kg/m]

0.038 [0.06]

**Compliance Certifications** (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

**Plotted and Other Data**

Notes:

Values at 25 °C, sea level

93 Ohm Flexible RG62 Coax Cable Single Shielded with Black PVC Jacket 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.

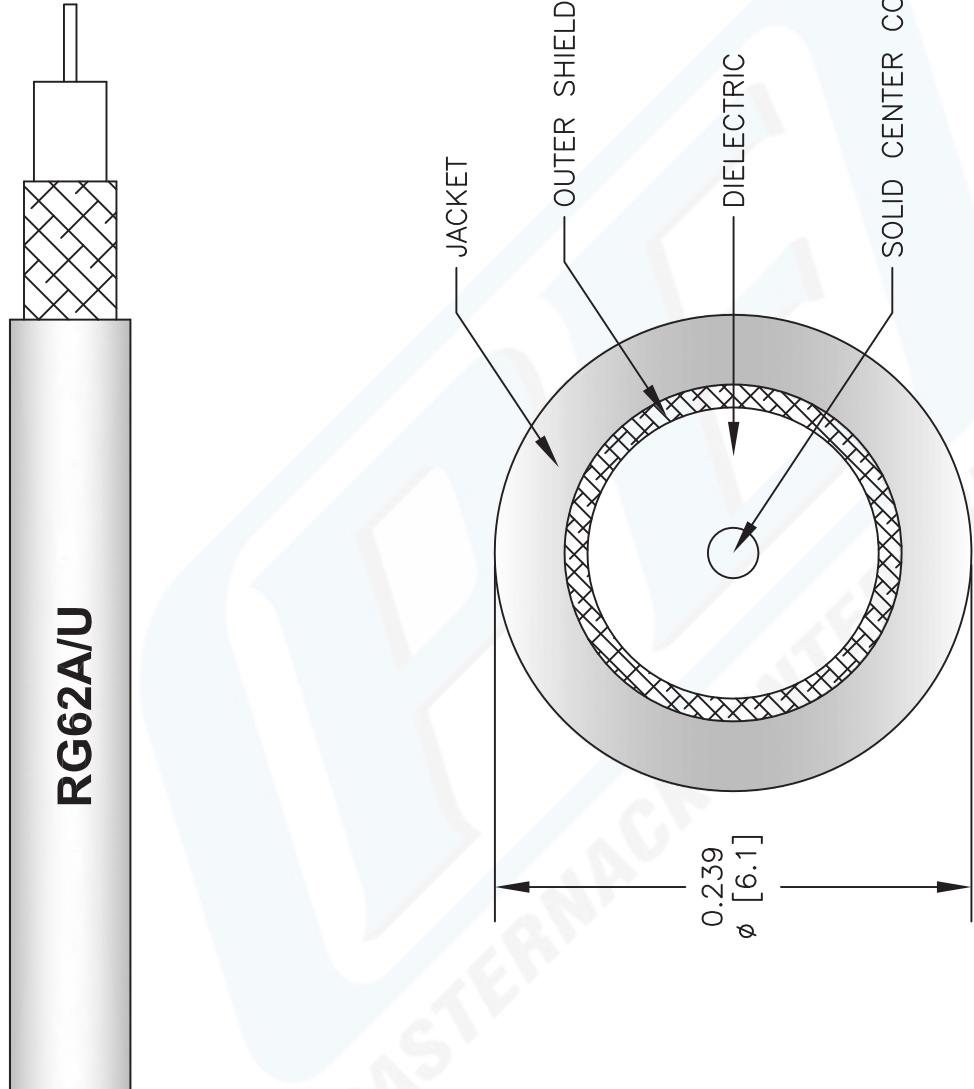
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URL: <http://www.pasternack.com/flexible-0.242-rg62-93-ohm-coax-cable-pvc-jacket-rg62a-u-p.aspx>

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# RG62A/U CAD Drawing

93 Ohm Flexible RG62 Coax Cable Single Shielded with Black PVC Jacket



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<b>PASTERNACK®</b> Pasternack Enterprises, Inc. P.O. Box 16759   Irvine   CA   92623 Phone: (949) 261-1920   Fax: (949) 261-7451 Website: <a href="http://www.pasternack.com">www.pasternack.com</a>   E-Mail: <a href="mailto:sales@pasternack.com">sales@pasternack.com</a>	<b>DWG TITLE</b> <b>RG62A/U</b>	<b>FSCM NO.</b> 53919	CAD FILE	121912-B	SCALE	N/A	SIZE	A	2233
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