



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

### RF Connectors Technical Data Sheet

PE4472

#### Configuration

- SMB Plug Connector
- 75 Ohms
- Straight Body Geometry
- RG59, RG62, RG71 Interface Type
- Crimp/Solder Attachment

#### Features

- Gold Plated Beryllium Copper Contact

#### Applications

- General Purpose Test
- Custom Cable Assemblies

#### Description

Pasternack's PE4472 75 ohm SMB plug connector with crimp/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 PE4472 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	0.92 in [23.37 mm]
Width/Dia.	0.362 in [9.19 mm]
Weight	0.013 lbs [5.9 g]

#### Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold
Insulation	PTFE	
Body	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 SMB Plug Connector Crimp/Solder Attachment for RG59, RG62, RG71 PE4472](#)



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

### RF Connectors Technical Data Sheet

PE4472

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

#### Plotted and Other Data

Notes:

75 Ohm SMB Plug Connector Crimp/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.

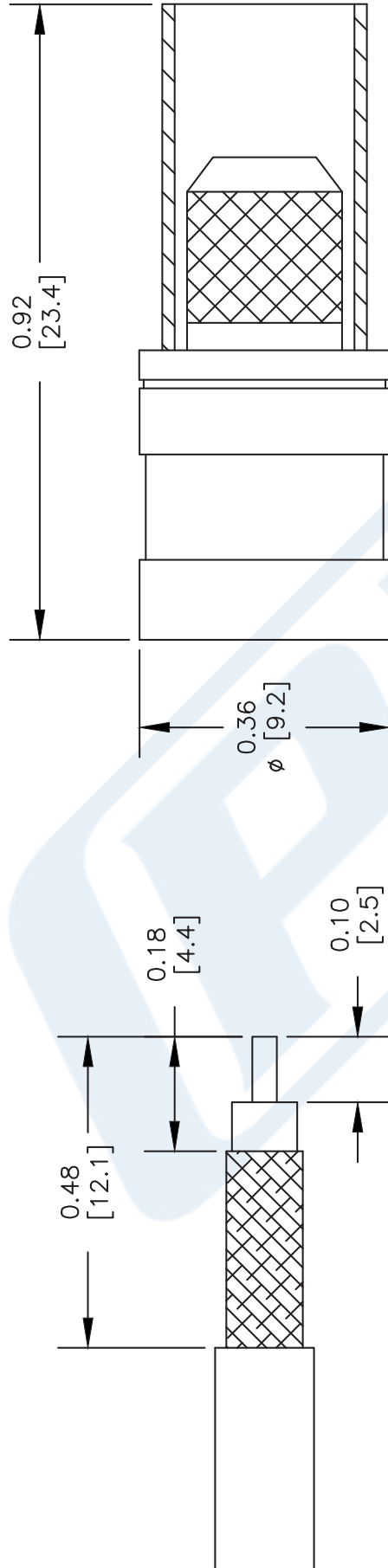
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm SMB Plug Connector Crimp/Solder Attachment for RG59, RG62, RG71 PE4472](#)

URL: <https://www.pasternack.com/smb-plug-standard-rg59-rg62-connector-pe4472-p.aspx>

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. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

# PE4472 CAD Drawing

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



STRIPPING DIMENSIONS

CRIMP SIZE REQUIRED

CONTACT: SOLDER

FERRULE: .255" HEX CRIMP TOOL

DWG TITLE

**PE4472**

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.

REV. -

FSCM NO. 53919

CAD FILE 052202

SCALE N/A

SIZE A

2233

**PE 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



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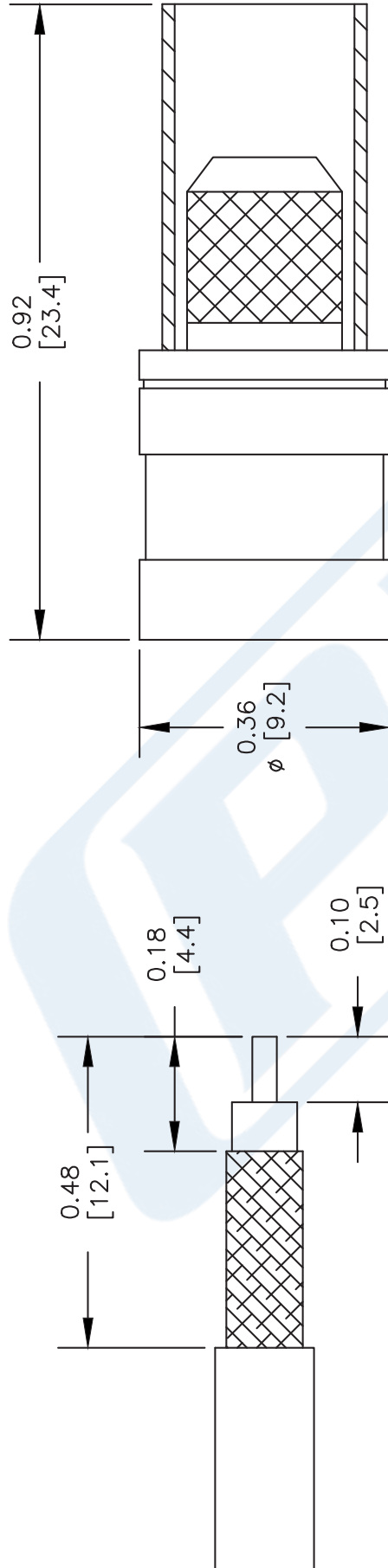
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## 93 Ohm Flexible RG62 Coax Cable Single Shielded with Black PVC Jacket

### 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	1
Material 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
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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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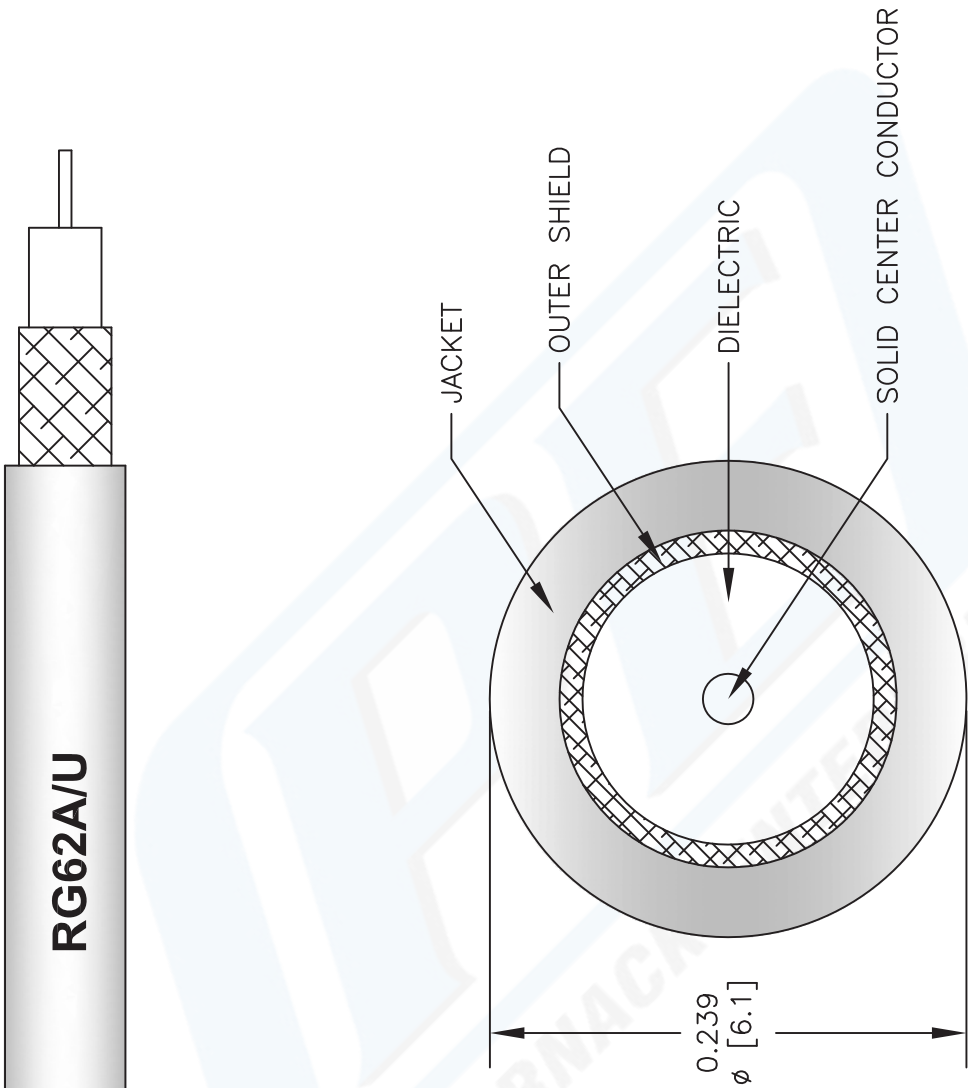
URL: <http://www.pasternack.com/flexible-0.242-rg62-93-ohm-coax-cable-pvc-jacket-rg62a-u-p.aspx>

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RG62A/U CAD Drawing

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



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DWG TITLE  
**RG62A/U**

FSCM NO. 53919

2233

SIZE A

SCALE N/A

CAD FILE 121912-B

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