PASTERNACK®
THE ENGINEER'S RF SOURCE

75 Ohm 1.6/5.6 Plug Connector Crimp/Solder Attachment for RG59, RG62, RG71



RF Connectors Technical Data Sheet PE44263

Configuration

- 1.6/5.6 Plug Connector
- 75 Ohms
- Straight Body Geometry
- RG59, RG62, RG71 Interface Type
- Crimp/Solder Attachment

Features

- Gold Plated Brass Contact
- 3 µin minimum contact plating

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE44263 75 ohm 1.6/5.6 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 1.6/5.6 plug connector PE44263 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	1.215 in [30.86 mm]
Width/Dia.	0.425 in [10.80 mm]
Weight	0.021 lbs [9.53 g]

Material Specifications

Description	Material	Plating
Contact	Brass	Gold 3 µin minimum
Insulation	PTFE	
Body	Brass	Nickel 100 µin minimum
Coupling Nut	Brass	Nickel 100 µin minimum

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 75 Ohm 1.6/5.6 Plug Connector Crimp/Solder Attachment for RG59, RG62, RG71 PE44263

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
Phone: (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
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75 Ohm 1.6/5.6 Plug Connector Crimp/Solder Attachment for RG59, RG62, RG71

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

75 Ohm 1.6/5.6 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.

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URL: https://www.pasternack.com/1.6-5.6-plug-standard-rg59-connector-pe44263-p.aspx

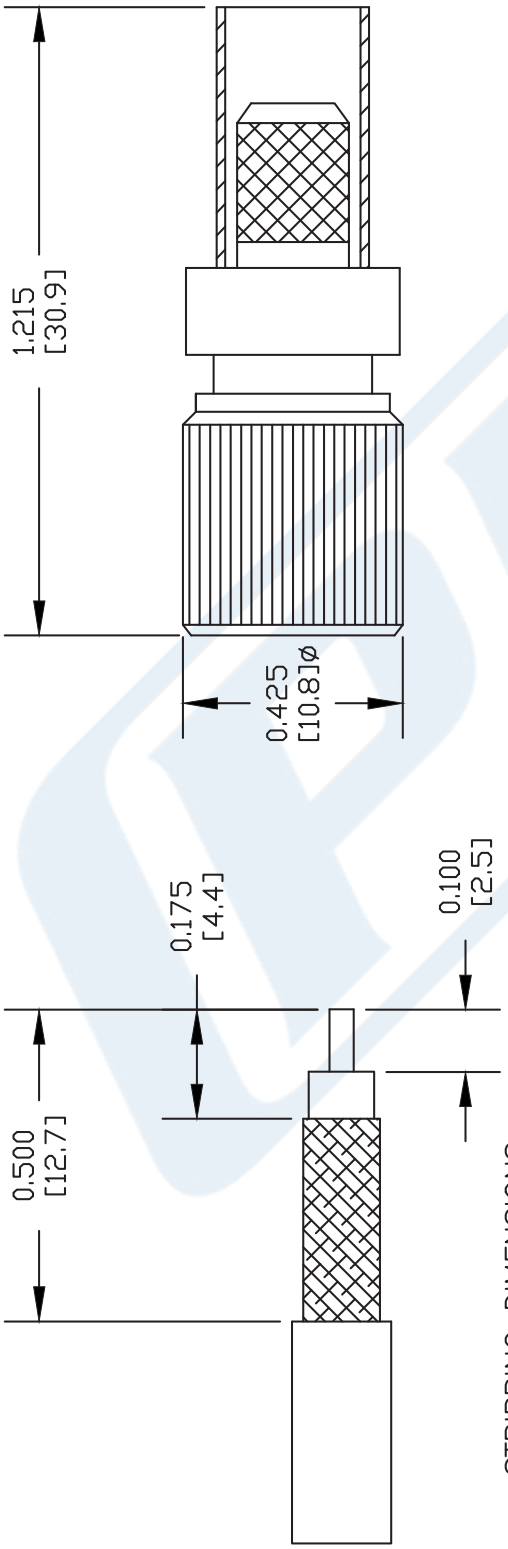
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PE44263 CAD Drawing

75 Ohm 1.6/5.6 Plug Connector Crimp/Solder Attachment for RG59, RG62, RG71



STRIPPING DIMENSIONS

CRIMP SIZE REQUIRED

CONTACT: .068" HEX CRIMP TOOL
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	XXXX
PE44263	070202	N/A	A	

FSCM NO. 53919

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75 Ohm 1.6/5.6 Plug Connector Crimp/Solder Attachment for RG59, RG62, RG71

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Plotted and Other Data

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URL: https://www.pasternack.com/1.6-5.6-plug-standard-rg59-connector-pe44263-p.aspx

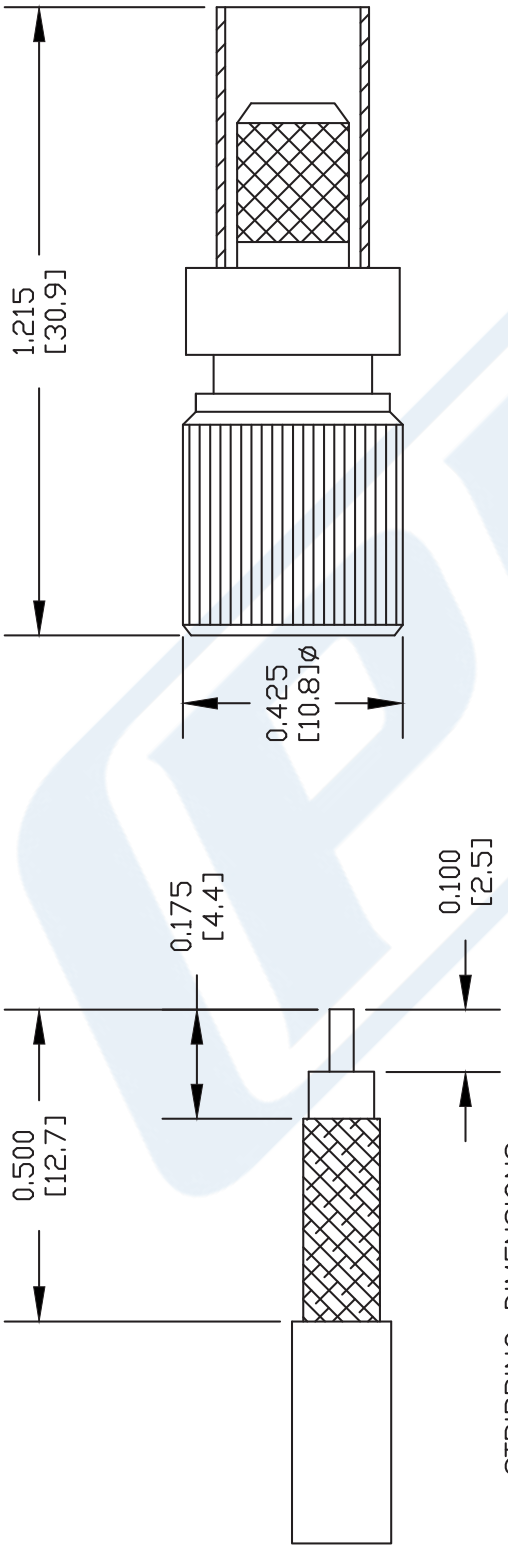
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PE44263 CAD Drawing

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DWG TITLE	CAD FILE	SCALE	SIZE	XXXX
PE44263	070202	N/A	A	

FSCM NO. 53919

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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

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 for current document)

Plotted and Other Data

Notes:	Values at 25 °C, sea level

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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

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

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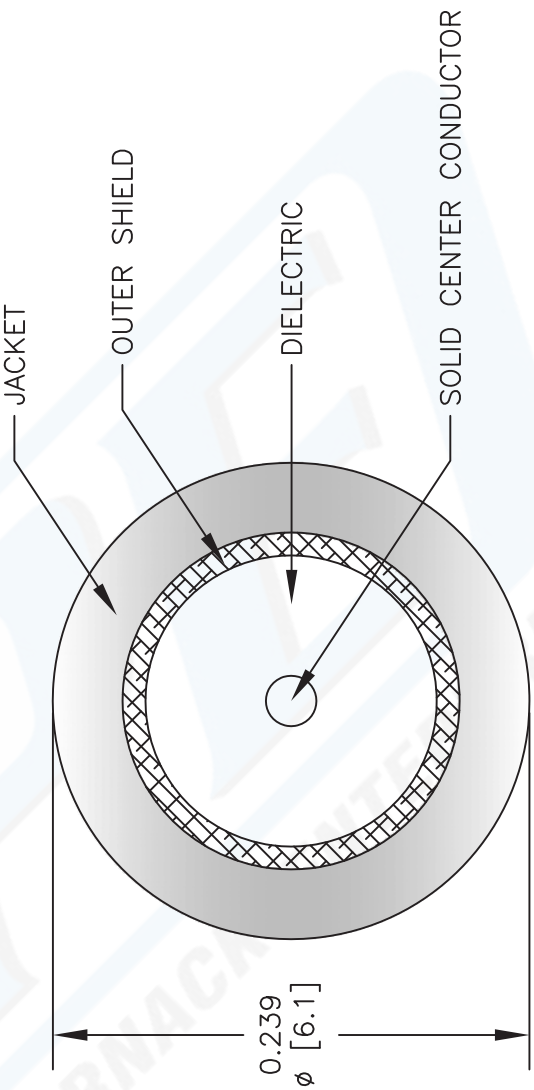
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RG62A/U CAD Drawing

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





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CAD FILE	SCALE	SIZE
121912-B	N/A	A

DWG TITLE: RG62A/U

FSCM NO. 53919

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