



75 Ohm N Male Connector Crimp/Solder Attachment for RG59, RG62, RG71

RF Connectors Technical Data Sheet

PE4512

Configuration

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

Features

- Max. Operating Frequency 1,000 MHz
- Good VSWR of 1.3:1
- Gold Plated Brass Contact
- 30 μ m minimum contact plating

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE4512 75 ohm type N male 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 type N male connector operates up to a maximum frequency of 1,000 MHz and offers good VSWR of 1.3:1.

Our 75 ohm type N male connector PE4512 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.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		1,000	MHz
VSWR			1.3:1	
Operating Voltage (AC)			1,000	Vrms

Mechanical Specifications

Size

Length	1.32 in [33.53 mm]
Width/Dia.	0.83 in [21.08 mm]
Weight	0.065 lbs [29.48 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm N Male Connector Crimp/Solder Attachment for RG59, RG62, RG71 PE4512](#)



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Material Specifications

Description	Material	Plating
Contact	Brass	Gold 30 µin minimum
Insulation	PTFE	
Body	Brass	Nickel 100 µin minimum
Coupling Nut	Brass	Nickel 100 µin minimum

Environmental Specifications

Temperature

Operating Range

-65 to +165 deg C

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

Plotted and Other Data

Notes:

75 Ohm N Male 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.

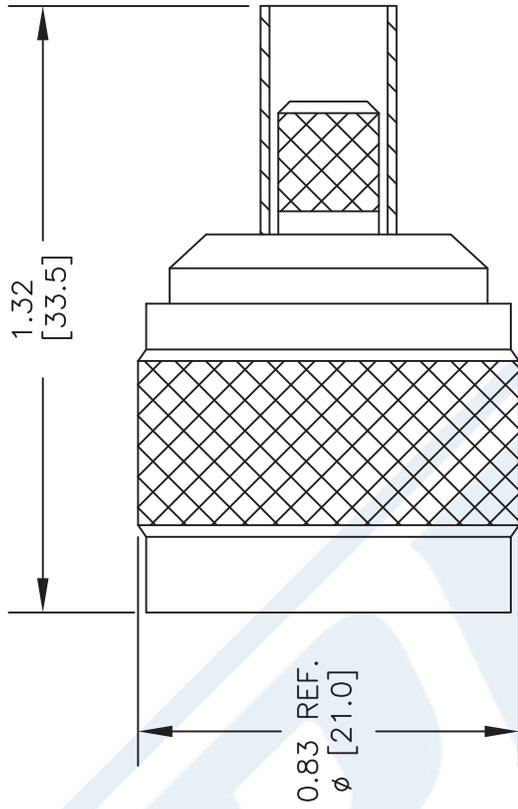
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URL: <https://www.pasternack.com/n-male-standard-rg59-rg62-connector-pe4512-p.aspx>

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PE4512 CAD Drawing

75 Ohm N Male Connector Crimp/Solder Attachment for RG59, RG62, RG71



STRIPPING DIMENSIONS

CRIMP SIZE REQUIRED

CONTACT: .068" HEX CRIMP TOOL
 FERRULE: .255" HEX CRIMP TOOL

DWG TITLE

PE4512

- 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. A

FSCM NO. 53919

CAD FILE 082812

SCALE N/A

SIZE A

2233



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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Plotted and Other Data

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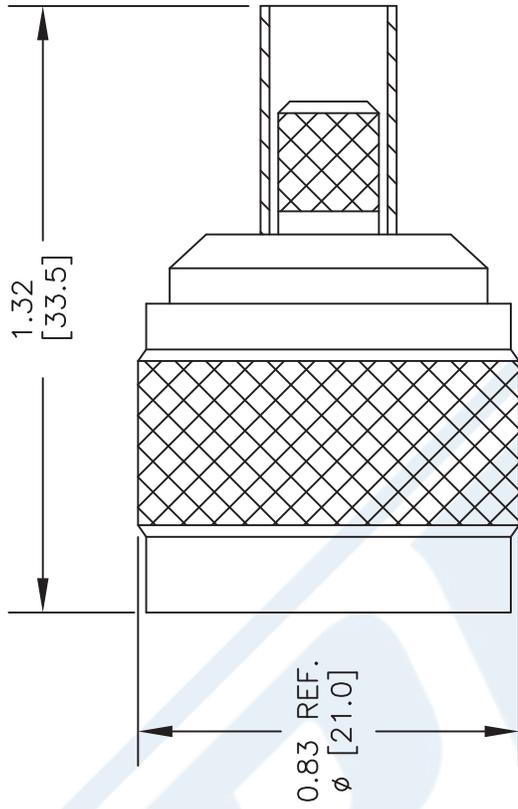
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93 Ohm Flexible RG62 Coax Cable Single Shielded with Black PVC Jacket

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 for current document)

Plotted and Other Data

Notes: Values at 25 °C, sea level

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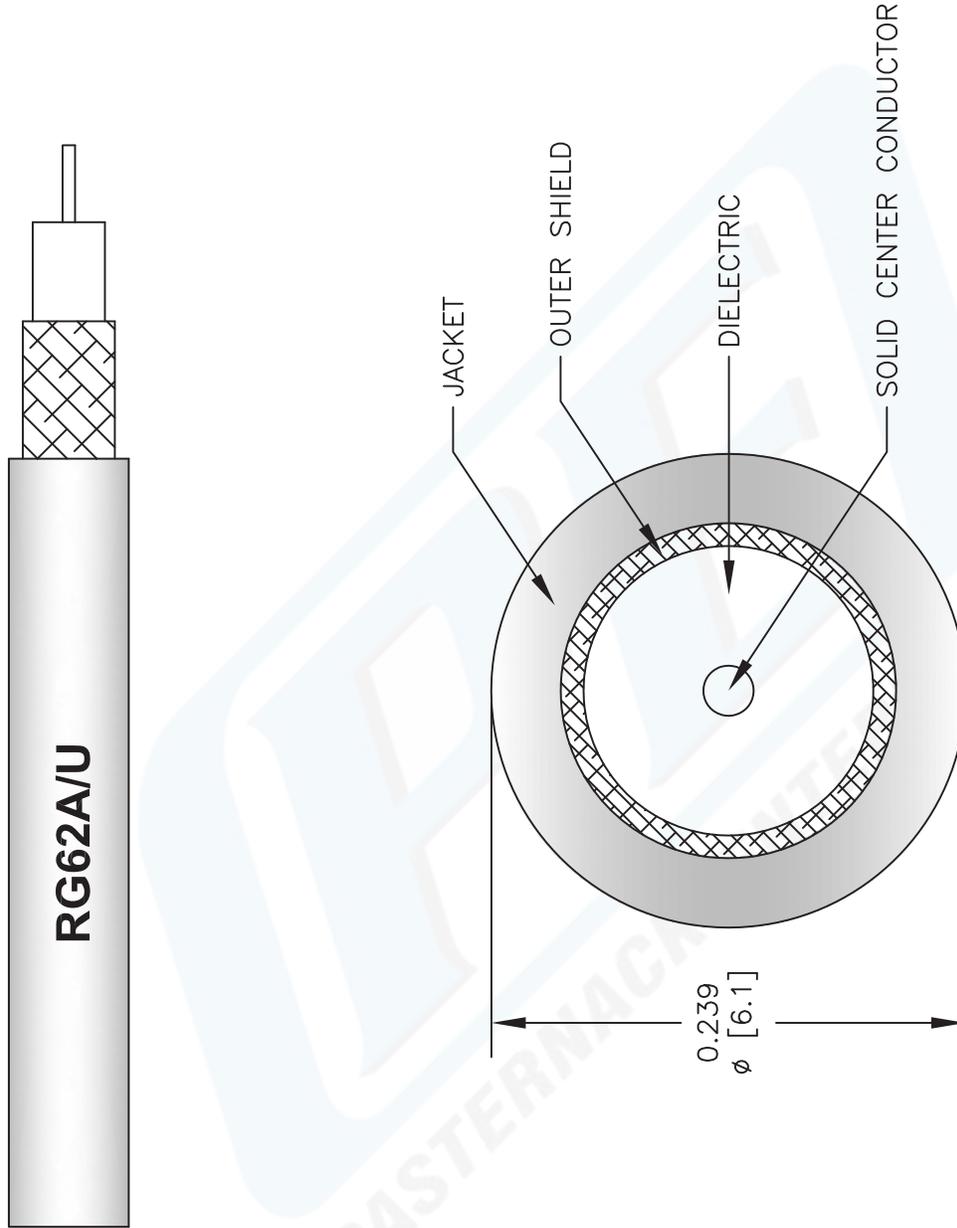
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [93 Ohm Flexible RG62 Coax Cable Single Shielded with Black PVC Jacket RG62A/U](#)

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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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