

## 75 Ohm N Male Connector Crimp/Solder Attachment for RG59B/U, RG62, RG71



### PE4512

#### Configuration

- N Male Connector
- 75 Ohms
- Straight Body Geometry
- Connector Interface Types: RG59B/U, RG62, RG71

#### Features

- Max. Operating Frequency 1 GHz
- Good VSWR of 1.3:1
- Gold Plated Brass Contact
- 30  $\mu$ m minimum contact plating

#### Applications

- General Purpose Test
- Custom Cable Assemblies

#### Description

Pasternack's PE4512 type N , N, Standard, Connector 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 GHz 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
Impedance		75		Ohms

#### Mechanical Specifications

##### Size

Length	1.32 in [33.53 mm]
Width	0.83 in [21.08 mm]
Height	0 in [0 mm]
Weight	0.063 lbs [28.58 g]

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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**

<b>Temperature</b> Operating Range	-65 to +165 deg C
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**Compliance Certifications** (see [product page](#) for current document)

**Plotted and Other Data**

Notes:

75 Ohm N Male Connector Crimp/Solder Attachment for RG59B/U, RG62, RG71 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.

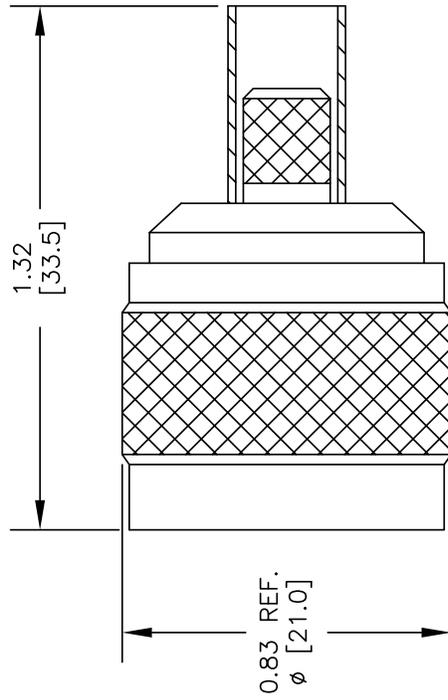
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm N Male Connector Crimp/Solder Attachment for RG59B/U, RG62, RG71 PE4512](#)

URL: <https://www.pasternack.com/n-male-rg59b-u-rg62-rg71-connector-pe4512-p.aspx>

The information contained within 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 Enterprises reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack Enterprises does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack Enterprises does not assume liability arising out of the use of any part or document.

# PE4512 CAD Drawing

75 Ohm N Male Connector Crimp/Solder Attachment for RG59B/U, 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



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