



75 Ohm N Male Connector Crimp/Solder Attachment for RG6,
Compatible With Inner Conductor Smaller Than 0.030 Inch

RF Connectors Technical Data Sheet

PE4508

Configuration

- N Male Connector
- 75 Ohms
- Straight Body Geometry
- Connector Interface Types: RG6

Features

- Max. Operating Frequency 1.5 GHz
- Good VSWR of 1.3:1
- Gold Plated Brass Contact
- 30 µin minimum contact plating

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE4508 75 ohm type N male connector with crimp/solder attachment for RG6 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 1.5 GHz and offers good VSWR of 1.3:1.

Our 75 ohm type N male connector PE4508 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		1.5	GHz
VSWR			1.3:1	
Operating Voltage (AC)			1,000	Vrms

Mechanical Specifications

Size	
Length	1.325 in [33.66 mm]
Width/Dia.	0.787 in [19.99 mm]
Weight	0.066 lbs [29.94 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 RG6, Compatible With Inner Conductor Smaller Than 0.030 Inch PE4508](#)



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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:

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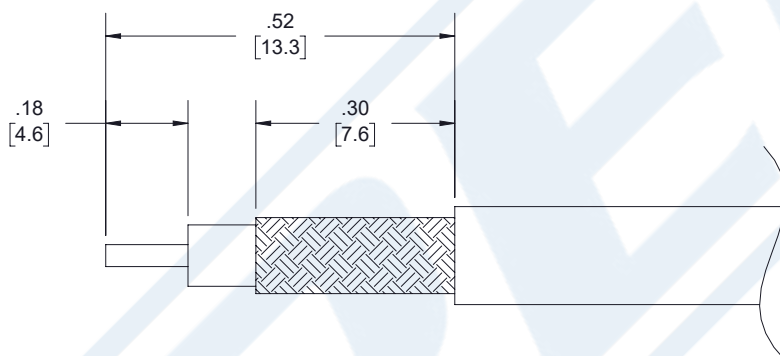


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Assembly Instruction



ASSEMBLY PROCEDURES

1. STRIP CABLE TO THE DIMENSIONS SHOWN, DO NOT NICK CENTER CONDUCTOR OR BRAID.
2. PUSH CENTER CONDUCTOR FULLY INTO CONTACT AND CRIMP WITH CRIMP TOOL.
3. FLARE BRAID AND INSERT THE BODY UNTIL IT SEATS.
4. SLIDE FERRULE OVER BRAID AND CRIMP WITH CRIMP TOOL.

CRIMP SIZE REQUIRED

- CONTACT: .068 [1.73] HEX CRIMP TOOL.
- FERRULE: .324 [8.23] HEX CRIMP TOOL.

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75 Ohm N Male Connector Crimp/Solder Attachment for RG6, Compatible With Inner Conductor Smaller Than 0.030 Inch 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 RG6, Compatible With Inner Conductor Smaller Than 0.030 Inch PE4508](https://www.pasternack.com/n-male-standard-rg6-connector-pe4508-p.aspx)

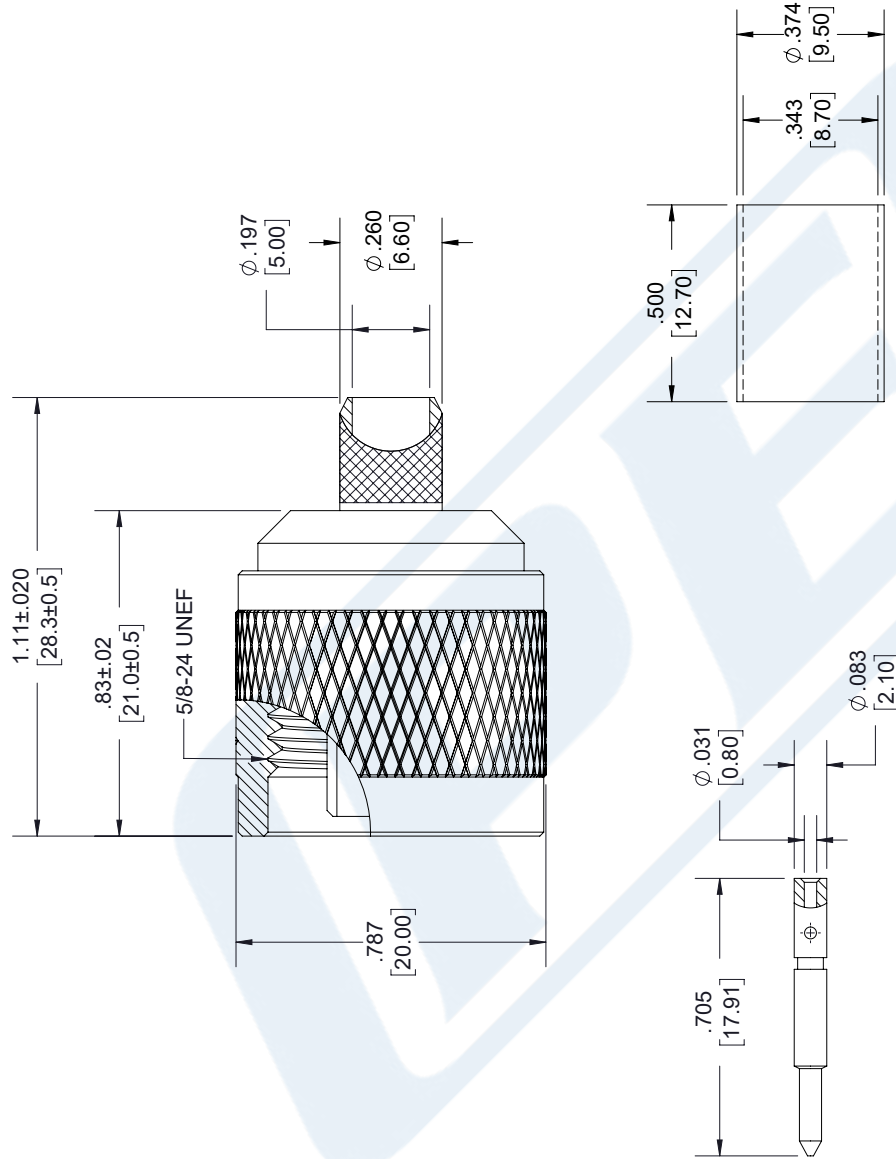
URL: <https://www.pasternack.com/n-male-standard-rg6-connector-pe4508-p.aspx>

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.

PE4508 CAD Drawing

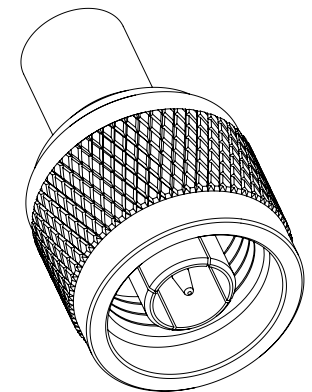
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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	PCR PE4508	2/4/2020	SELLIS



FERRULE

CONTACT



UNLESS OTHERWISE SPECIFIED
LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES:

.X = ±.2 [5.08] FRACTIONS
.XX = ±.02 [.51] ± 1/32
.XXX = ±.005 [.13] ANGLES ± 1°

CABLE LENGTH (L) TOLERANCES:

L ≤ 12 [305] = +1 [25] / -0
12 [305] < L ≤ 60 [1524] = +2 [51] / -0
60 [1524] < L ≤ 120 [3048] = +4 [102] / -0
120 [3048] < L ≤ 300 [7620] = +6 [152] / -0
300 [7620] < L = +5% / -0

ALL DIMENSIONS SHOWN
ARE FOR REFERENCE ONLY.

THIRD-ANGLE PROJECTION



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DESIGN IN THIS DOCUMENT
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SHEET 1 OF 1

SCALE N/A

REV A

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an INFINITI brand

Pasternack Enterprises, Inc.
P.O. Box 16759, Irvine, CA 92623.
Phone: 1.949.261.1920 | 1.866.727.8376

Fax: 1.949.261.7451
Website: www.pasternack.com
E-mail: sales@pasternack.com

SIZE A CAGE CODE 53919 DRAWN BY K.DANG ITEM NO. PE4508