



## 75 Ohm BNC Male Connector Crimp/ Solder Attachment for Belden 1505A

### RF Connectors Technical Data Sheet

**PE45117**

#### Configuration

- BNC Male Connector
- 75 Ohms
- Straight Body Geometry
- Connector Interface Types: Belden 1505A

#### Features

- Max. Operating Frequency 4 GHz
- Excellent VSWR of 1.1:1
- Gold Plated Brass Contact

#### Applications

- General Purpose Test
- Custom Cable Assemblies
- CATV

#### Description

Pasternack's PE45117 75 ohm BNC male connector with crimp/solder attachment for Belden 1505A is part of our full line of RF components available for same-day shipping. Our BNC male connector operates up to a maximum frequency of 4 GHz and offers excellent VSWR of 1.1:1.

Our 75 ohm BNC male connector PE45117 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		4	GHz
VSWR			1.1:1	
Operating Voltage (AC)			300	Vrms

#### Mechanical Specifications

<b>Size</b>	
Length	0.929 in [23.6 mm]
Width/Dia.	0.571 in [14.50 mm]
Height	0 in [0 mm]
Weight	0.024 lbs [10.89 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 BNC Male Connector Crimp/Solder Attachment for Belden 1505A PE45117](#)



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#### Material Specifications

Description	Material	Plating
Contact	Brass	Gold
Insulation	Teflon	
Body	Brass	Nickel 100µ in. minimum
Coupling Nut	Zinc	Nickel

#### 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 BNC Male Connector Crimp/Solder Attachment for Belden 1505A 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.

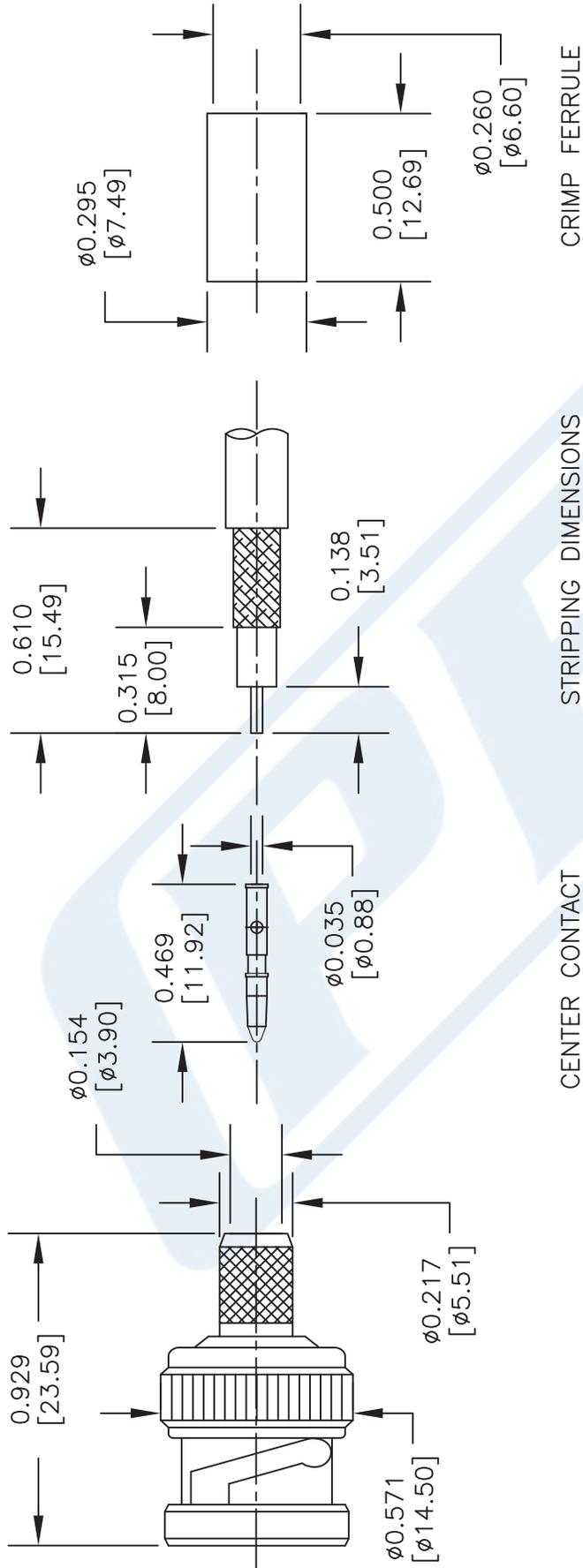
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm BNC Male Connector Crimp/Solder Attachment for Belden 1505A PE45117](#)

URL: <https://www.pasternack.com/bnc-male-belden-1505a-connector-pe45117-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.

# PE45117 CAD Drawing

75 Ohm BNC Male Connector Crimp/Solder Attachment for Belden 1505A



### ASSEMBLY PROCEDURES

1. STRIP CABLE TO THE DIMENSIONS SHOWN, DO NOT NICK CENTER CONDUCTOR OR BRAID.
2. SLIDE FERRULE ONTO CABLE.
3. PUSH CENTER CONDUCTOR FULLY INTO CONTACT AND SOLDER, REMOVE ANY EXCESS.
4. FLARE BRAID AND INSERT CONTACT INTO THE BODY UNTIL IT SEATS.
5. SLIDE FERRULE OVER BRAID AND CRIMP WITH .256" [6.5] HEX. CRIMP TOOL.

DWG TITLE

**PE45117**

- 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].

**PE PASTERNAK**  
 THE ENGINEER'S RF SOURCE  
 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

FSCM NO. 53919

CAD FILE 021215

SCALE N/A

SIZE A

200