



## 75 Ohm BNC Male Connector Crimp/Solder Attachment for PE-B159, 1855A, Mini 59, High Definition

### RF Connectors Technical Data Sheet

**PE44630**

#### Configuration

- BNC Male Connector
- 75 Ohms
- Straight Body Geometry
- PE-B159, 1855A, Mini 59 Interface Type
- Crimp/Solder Attachment

#### Features

- Max. Operating Frequency 4 GHz
- Good VSWR of 1.5:1
- Gold Plated Brass Contact

#### Applications

- General Purpose Test
- Custom Cable Assemblies
- CATV

#### Description

Pasternack's PE44630 75 ohm BNC male connector with crimp/solder attachment for PE-B159, 1855A and Mini 59 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 good VSWR of 1.5:1.

Our 75 ohm BNC male connector PE44630 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			1.5:1	
Insertion Loss			0.2	dB
Operating Voltage (AC)			500	Vrms
Dielectric Withstanding Voltage (AC)			1,500	Vrms
Insulation Resistance	5,000			MOhms

#### Mechanical Specifications

##### Size

Length	1.175 in [29.85 mm]
Width/Dia.	0.57 in [14.48 mm]
Weight	0.021 lbs [9.53 g]
Mating Cycles	500 Cycles

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 PE-B159, 1855A, Mini 59, High Definition PE44630](#)



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#### Material Specifications

Description	Material	Plating
Contact	Brass	Gold
Insulation	PTFE	
Body	Brass	Nickel
Coupling Nut	Brass	Black Chrome

#### Environmental Specifications

##### Temperature

Operating Range

-40 to +65 deg C

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

#### Plotted and Other Data

Notes:

75 Ohm BNC Male Connector Crimp/Solder Attachment for PE-B159, 1855A, Mini 59, High Definition 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.

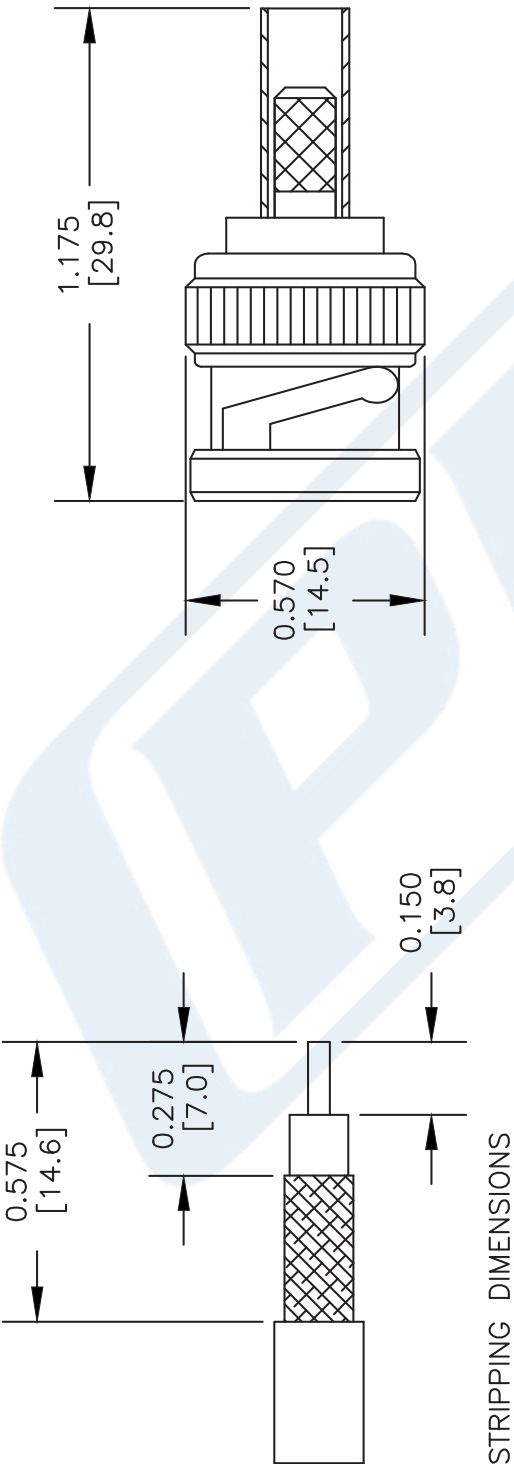
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URL: <https://www.pasternack.com/bnc-male-standard-mini-59-pe-b159-connector-pe44630-p.aspx>

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.

PE44630 CAD Drawing

75 Ohm BNC Male Connector Crimp/Solder Attachment  
for PE-B159, 1855A, Mini 59, High Definition



CRIMP SIZE REQUIRED

CONTACT: SOLDER  
FERRULE: .178" 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  
**PE44630**

FSCM NO. 53919

CAD FILE 050609-A  
SCALE N/A  
SIZE A  
XXX

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