



## 75 Ohm BNC Male Connector Compression Attachment for PE-B159, Belden 1855A, Mini 59

### RF Connectors Technical Data Sheet

**PE44577**

#### Configuration

- BNC Male Connector
- 75 Ohms
- Straight Body Geometry
- Connector Interface Types: PE-B159, Belden 1855A, Mini 59

#### Features

- Max. Operating Frequency 4.5 GHz
- Gold Plated Brass Contact

#### Applications

- General Purpose Test
- Custom Cable Assemblies
- CATV

#### Description

Pasternack's PE44577 75 ohm BNC male connector with compression attachment for PE-B159, Belden 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 4.5 GHz.

Our 75 ohm BNC male connector PE44577 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		4.5	GHz
Operating Voltage (AC)			300	Vrms
Contact Current			5	A

#### Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 1	1 to 2.25	2.25 to 3	3 to 4.5		GHz
VSWR, Typ	1.03:1	1.13:1	1.22:1	1.33:1		
Insertion Loss, Typ	0.06	0.27	0.72	0.93		dB

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 Compression Attachment for PE-B159, Belden 1855A, Mini 59 PE44577](#)



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**RF Connectors**  
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**Mechanical Specifications**

<b>Size</b>	
Length	1.367 in [34.72 mm]
Width/Dia.	0.57 in [14.48 mm]
Weight	0.035 lbs [15.88 g]
Cable Retention Force	40 lbs 18.14 kg

**Material Specifications**

Description	Material	Plating
Contact	Brass	Gold
Insulation	HDPE	
Body	Brass	Nickel

**Environmental Specifications**

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

**Plotted and Other Data**

Notes:

75 Ohm BNC Male Connector Compression Attachment for PE-B159, Belden 1855A, Mini 59 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.

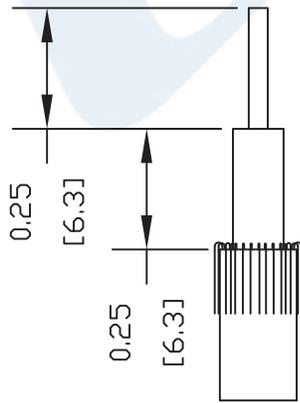
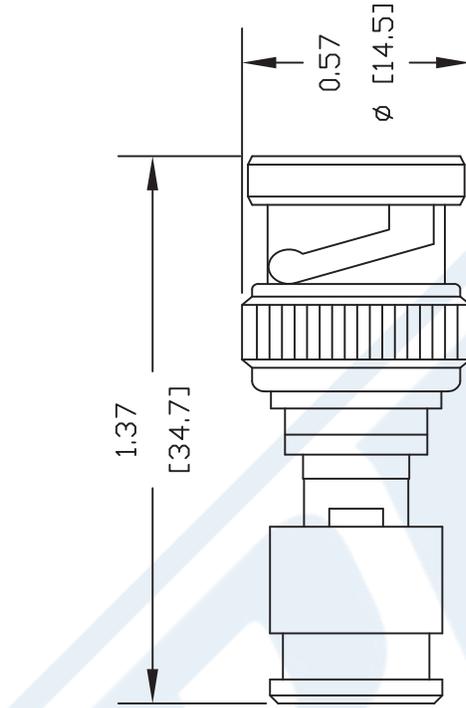
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URL: <https://www.pasternack.com/bnc-male-standard-pe-b159-connector-pe44577-p.aspx>

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.

# PE44577 CAD Drawing

75 Ohm BNC Male Connector Compression Attachment  
for PE-B159, Belden 1855A, Mini 59



### STRIPPING DIMENSIONS ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN [FOIL SHOULD REMAIN ON DIELECTRIC].
2. FOLD BRAID BACK OVER JACKET.
3. INSERT PREPARED CABLE IN TO CONNECTOR. PUSH CABLE FORWARD INTO CONNECTOR WHILE SLIGHTLY TWISTING CONNECTOR & COMPRESS USING PE5012.

DWG TITLE

**PE44577**

- 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. C

FSCM NO. 53919

CAD FILE 102511

SCALE N/A

SIZE A

2233



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