



## BNC Male to Straight Cut Lead Cable 36 Inch Length Using RG188 Coax

### RF Cable Assemblies Technical Data Sheet

PE3C3583-36

#### Configuration

- Connector 1: BNC Male
- Connector 2: Straight Cut Lead
- Cable Type: RG188

#### Features

- PTFE Jacket

#### Applications

- General Purpose
- Laboratory Use

#### Description

Pasternack's PE3C3583-36 50 ohm BNC male to straight cut lead 36 inch cable using RG188 coax is part of our full line of RF components available for same-day shipping. Pasternack's flexible RF cable assemblies are ideal for applications where tight bends and flexure are required.

Custom versions of most RF cable assemblies can be built and shipped same day. Custom cable assembly lengths can be obtained by specifying the desired length on the web site at time of order or by contacting a sales representative. Other available RF cable assembly value added services include connector orientation or clocking, heat shrink booting and custom labeling. RF testing can also be performed to document the electrical performance of your cable assembly.

#### Mechanical Specifications

##### Cable Assembly

Length\*

36 in [914.4 mm]

##### Cable

Cable Type

RG188

Impedance

50 Ohms

Inner Conductor Type

Stranded

Inner Conductor Material and Plating

Copper Clad Steel, Silver

Dielectric Type

PTFE

Number of Shields

1

Shield Layer 1

Silver Plated Copper Braid

Jacket Material

PTFE, White

Jacket Diameter

0.11 in [2.79 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BNC Male to Straight Cut Lead Cable 36 Inch Length Using RG188 Coax PE3C3583-36](#)



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**Connectors**

| Description                        | Connector 1      | Connector 2       |
|------------------------------------|------------------|-------------------|
| Type                               | BNC Male         | Straight Cut Lead |
| Specification                      | MIL-STD-348A     |                   |
| Impedance                          | 50 Ohms          | 0 Ohms            |
| Contact Material and Plating       | Brass, Gold      |                   |
| Contact Plating Specification      | 50µ in. minimum  |                   |
| Dielectric Type                    | Teflon           |                   |
| Body Material and Plating          | Brass, Nickel    |                   |
| Body Plating Specification         | 100µ in. minimum |                   |
| Coupling Nut Material and Plating  | Brass, Nickel    |                   |
| Coupling Nut Plating Specification | 100µ in. minimum |                   |

Mechanical Specification Notes:

\*All cable assemblies have a length tolerance of 1.5% or  $\pm 3/8"$ , whichever is greater.

**Environmental Specifications**

**Temperature**

Operating Range -55 to +165 deg C

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

**Plotted and Other Data**

Notes:

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#### How to Order

Part Number Configuration:

**PE3C3583**

- **xx**

**uu**

Unit of Measure:  
cm = Centimeters  
<blank> = Inches  
Length  
Base Number

Example: PE3C3583-12 = 12 inches long cable  
PE3C3583-100cm = 100 cm long cable

BNC Male to Straight Cut Lead Cable 36 Inch Length Using RG188 Coax 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.

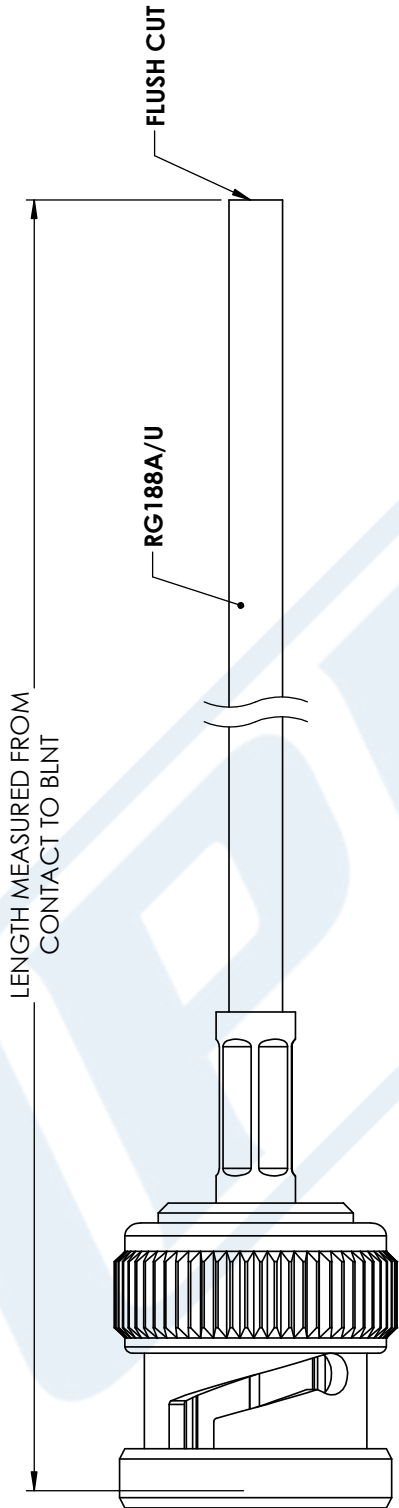
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BNC Male to Straight Cut Lead Cable 36 Inch Length Using RG188 Coax PE3C3583-36](#)

URL: <https://www.pasternack.com/bnc-male-straight-cut-sexless-rg188au-cable-assembly-pe3c3583-36-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.

# PE3C3583-36 CAD Drawing

BNC Male to Straight Cut Lead Cable 36 Inch Length Using RG188 Coax



BNC MALE

| STANDARD TOLERANCES |        |
|---------------------|--------|
| .X                  | ±0.2   |
| .XX                 | ±0.01  |
| .XXX                | ±0.005 |

\*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES



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

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DWG TITLE  
PE3C3583

CAGE CODE 53919

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].

CAD FILE 09/19/18

SCALE N/A

SIZE A

CN2245