



## 2 Watt 75ohm BNC plug termination with chain 2GHz VSWR1.2

### RF Terminations Technical Data Sheet

**PE6253C**

#### Features

- DC to 2GHz Frequency Range
- 75 Ohm Impedance
- VSWR 1.2:1 Max
- Max Power 2 Watts (CW)
- BNC Male Coaxial Interface
- Includes Beaded Chain

#### Applications

- Wireless
- Video Signal Transmission
- Radar Systems
- Test and Measurement
- Commercial and Military Communication
- Avionics

#### Description

Pasternack's PE6253C is an RF termination (also called RF load or dummy load) that operates from DC to 2 GHz and handles up to 2 Watt (CW). Our BNC termination / load has a male gender.

RF load / terminations are indispensable components in many RF, microwave and millimeter wave systems where signal reflection from unused ports can potentially damage the device or reduce the signal integrity. By terminating an unused port with a matched load (dummy load), the incident energy will be absorbed with minimal reflection. These termination components are commonly used to terminate devices such as couplers, circulators, and switches. They are also widely used in measurement systems to ensure accurate results. Pasternack offers a huge selection of RF, microwave and millimeter wave terminations up to 65 GHz with excellent performance over the entire operating range and power handling capabilities up to 800 Watt (CW).

#### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		2	GHz
Impedance		75		Ohms
VSWR			1.2:1	
Input Power (CW)			2	Watts

#### Mechanical Specifications

##### Size

Length	0.949 in [24.1 mm]
Width	0.571 in [14.5 mm]
Height	0.571 in [14.5 mm]
Weight	0.035 lbs [15.88 g]

##### Configuration

Connector	BNC Male
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Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [2 Watt 75ohm BNC plug termination with chain 2GHz VSWR1.2 PE6253C](#)



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### Material Specifications

Description	Material	Plating
Insulation	Teflon	
Body	Brass	Tri-Metal
Coupling Nut	Brass	Tri-Metal
Housing	Brass	Tri-Metal
Chain	Brass	Nickel

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

### Plotted and Other Data

Notes:

2 Watt 75ohm BNC plug termination with chain 2GHz VSWR1.2 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: [2 Watt 75ohm BNC plug termination with chain 2GHz VSWR1.2 PE6253C](#)

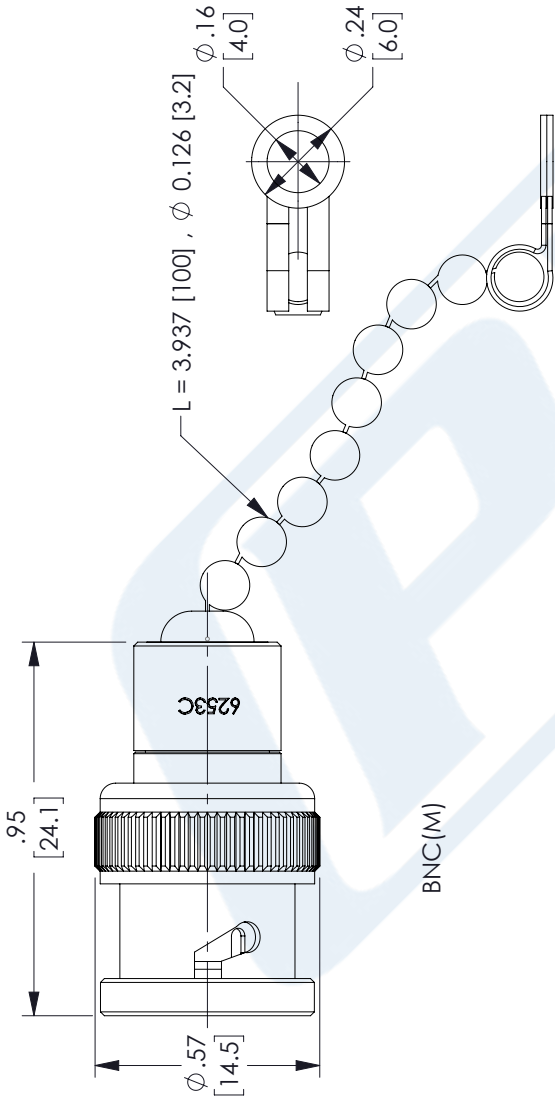
URL: <https://www.pasternack.com/rf-load-2-watts-2-ghz-chain-bnc-male-pe6253c-p.aspx>

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.

# PE6253C CAD Drawing

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	06/10/2022	SPONG



<p>UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [ ] ARE MILLIMETERS</p> <p>TOLERANCES:</p> <table border="0"> <tr> <td>.X = ±.2 [5.08]</td> <td>FRACTIONS ±1/32</td> </tr> <tr> <td>.XX = ±.02 [.51]</td> <td>ANGLES ± 1°</td> </tr> <tr> <td>.XXX = ±.005 [.13]</td> <td></td> </tr> </table> <p>CABLE LENGTH (L) TOLERANCES:</p> <table border="0"> <tr> <td>L ≤ 12 [305]</td> <td>= +1 [25] / -0</td> </tr> <tr> <td>12 [305] &lt; L ≤ 60 [1524]</td> <td>= +2 [51] / -0</td> </tr> <tr> <td>60 [1524] &lt; L ≤ 120 [3048]</td> <td>= +4 [102] / -0</td> </tr> <tr> <td>120 [3048] &lt; L ≤ 300 [7620]</td> <td>= +6 [152] / -0</td> </tr> <tr> <td>300 [7620] &lt; L = +5%L / -0</td> <td></td> </tr> </table> <p>ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.</p>	.X = ±.2 [5.08]	FRACTIONS ±1/32	.XX = ±.02 [.51]	ANGLES ± 1°	.XXX = ±.005 [.13]		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%L / -0		<p><b>PE PASTERNAK</b> an INFINITI<sup>®</sup> brand</p> <p>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</p>	<p>THIRD-ANGLE PROJECTION</p> <p>THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF PASTERNAK CORPORATION. ALL RIGHTS RESERVED.</p> <p>SHEET 1 OF 1</p> <p>SCALE N/A</p>
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<p>SIZE A</p> <p>CAGE CODE 53919</p> <p>DRAWN BY PSRINIVAS</p> <p>ITEM NO. PE6253C</p>	<p>REV A</p>																	

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