



10 dB Fixed Attenuator, BNC Male To BNC Female Aluminum
Heatsink Black Anodized Body Rated To 10 Watts Up To 2 GHz

TECHNICAL DATA SHEET

PE7025-10

10 dB Fixed Attenuator, BNC Male To BNC Female Aluminum Heatsink Black Anodized Body Rated To 10 Watts Up To 2 GHz

Configuration

Design	Fixed, Bidirectional Attenuator
Connector 1	BNC Male
Connector 2	BNC Female
Body Material and Plating	Aluminum Heatsink, Black Anodized

Electrical Specifications

Frequency Range, GHz	DC to 2
Impedance, Ohms	50
Attenuation Value, dB	10
Maximum Input Power, Watts	10
Maximum VSWR	1.6:1

Frequency 1

Range, MHz	DC to 1,000
VSWR	1.3:1
Attenuation Accuracy, dB	± 0.6

Frequency 2

Range, GHz	1 to 2
VSWR	1.6:1
Attenuation Accuracy, dB	± 1

Mechanical Specifications

Size

Length, in [mm]	2.61 [66.29]
Width, in [mm]	1 [25.4]

Connector 1

Type	BNC Male
Connector Specification	MIL-STD-348
Contact Material and Plating	Gold
Coupling Nut Material and Plating	Brass, Nickel
Body Material and Plating	Brass, Nickel

Connector 2

Type	BNC Female
Connector Specification	MIL-STD-348
Contact Material and Plating	Gold

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [10 dB Fixed Attenuator, BNC Male To BNC Female Aluminum Heatsink Black Anodized Body Rated To 10 Watts Up To 2 GHz PE7025-10](#)

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.



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Body Material and Plating

Brass, Nickel

Compliance Certifications (visit www.Pasternack.com for current document)

RoHS Compliant

Yes

Plotted and Other Data

Notes:

Values at 25 °C, sea level

10 dB Fixed Attenuator, BNC Male To BNC Female Aluminum Heatsink Black Anodized Body Rated To 10 Watts Up To 2 GHz from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% 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: [10 dB Fixed Attenuator, BNC Male To BNC Female Aluminum Heatsink Black Anodized Body Rated To 10 Watts Up To 2 GHz PE7025-10](http://www.pasternack.com/10db-fixed-bnc-female-bnc-male-10-watts-attenuator-pe7025-10-p.aspx)

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PE7025-10 CAD Drawing

10 dB Fixed Attenuator, BNC Male To BNC Female Aluminum Heatsink
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P/N	ATTEN.	FIGURE
PE7025-2	2 dB	1
PE7025-3	3 dB	1
PE7025-6	6 dB	1
PE7025-10	10 dB	1
PE7025-20	20 dB	1
PE7025-30	30 dB	2
PE7025-40	40 dB	2

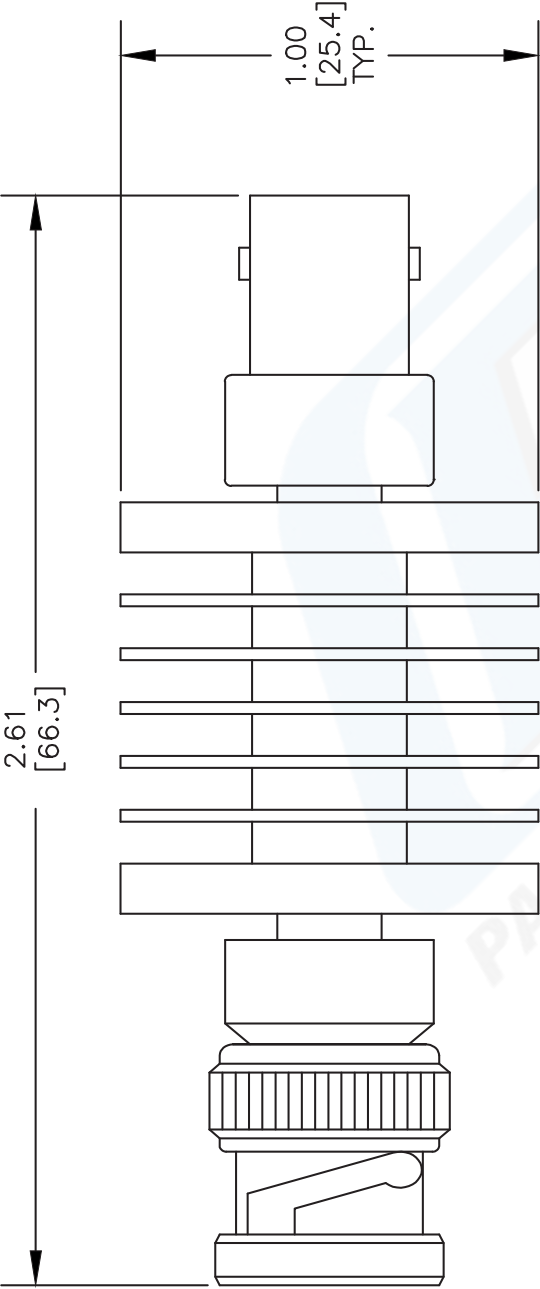
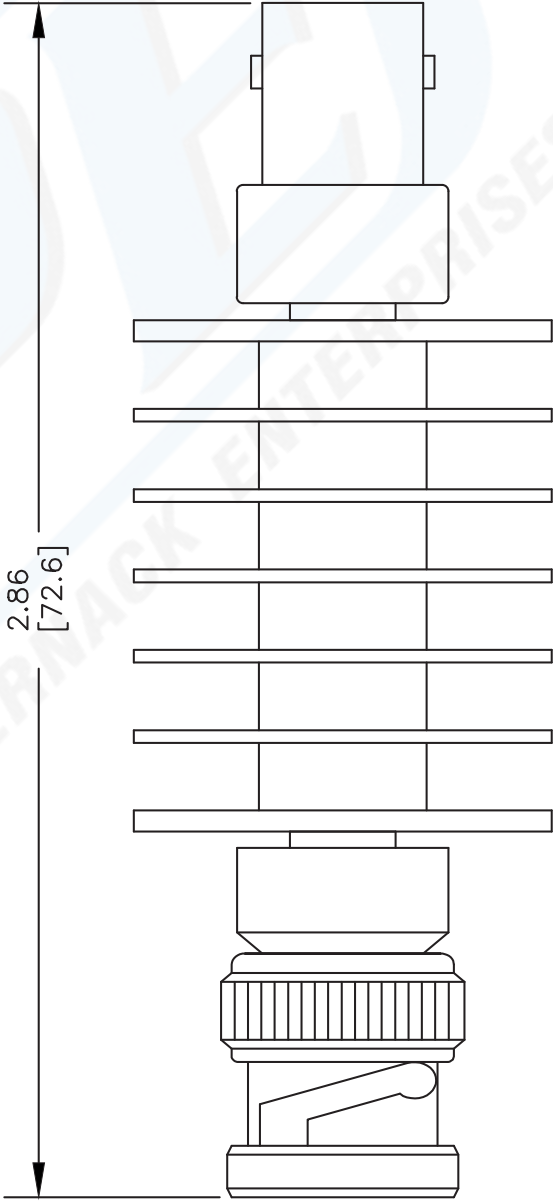


FIGURE 1



BNC FEMALE

BNC MALE

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].

DWG TITLE	FSCM NO. 53919	CAD FILE	022613	SCALE	N/A	SIZE	A	2231
PE7025								



PASTERNAK
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