



0 to 80 dB Rotary Step Attenuator, BNC Female To BNC  
Female With 1 dB Step Rated To 1 Watt Up To 2 GHz

TECHNICAL DATA SHEET

PE7033-2

**Configuration**

Design	Step, Bidirectional Attenuator
Connector 1	BNC Female
Connector 2	BNC Female
Body Material and Plating	Aluminum

**Electrical Specifications**

Frequency Range, GHz	DC to 2
Impedance, Ohms	50
Attenuation Value, dB	0 to 80
Step Size, dB	1
Step Type	Rotary
Maximum Input Power, Watts	1
Maximum VSWR	1.7:1

**Frequency 1**

Range, MHz	DC to 1,000
Insertion Loss, dB	1
VSWR	1.3:1
Attenuation Accuracy, dB	± 0.5

**Frequency 2**

Range, GHz	1 to 1.5
VSWR	1.5:1
Attenuation Accuracy, dB	± 0.5

**Frequency 3**

Range, GHz	1.5 to 2
VSWR	1.7:1
Attenuation Accuracy, dB	± 0.5

**Mechanical Specifications**

**Temperature**

Operating Range, deg C	-20 to +85
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**Size**

Length, in [mm]	4 [101.6]
Width, in [mm]	5 [127]
Height, in [mm]	4 [101.6]

**Connector 1**

Type	BNC Female
Outer Conductor Material and Plating	Aluminum

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [0 to 80 dB Rotary Step Attenuator, BNC Female To BNC Female With 1 dB Step Rated To 1 Watt Up To 2 GHz PE7033-2](#)

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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**Connector 2**  
Type

BNC Female

**Compliance Certifications** (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

**Plotted and Other Data**

Notes:

Values at 25 °C, sea level

Attenuation Accuracy +/-: 1-10dB 0.5dB, 11-40dB 1.5dB,  
41-80dB 2dB

0 to 80 dB Rotary Step Attenuator, BNC Female To BNC Female With 1 dB Step Rated To 1 Watt 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.

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