



0 to 81 dB Rotary Step Attenuator, BNC Female To BNC Female With 0.1 dB Step Rated To 1 Watt Up To 1000 MHz

TECHNICAL DATA SHEET

PE7058-1

**Configuration**

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

**Electrical Specifications**

Frequency Range, MHz	DC to 1,000
Impedance, Ohms	50
Attenuation Value, dB	0 to 81
Step Size, dB	0.1
Step Type	Rotary
Maximum Input Power, Watts	1
Maximum VSWR	1.5:1

**Frequency 1**

Range, MHz	DC to 30
VSWR	1.1:1
Attenuation Accuracy, dB	± 0.05

**Frequency 2**

Range, MHz	30 to 500
VSWR	1.3:1
Attenuation Accuracy, dB	± 0.5

**Frequency 3**

Range, MHz	500 to 1,000
VSWR	1.5:1
Attenuation Accuracy, dB	± 1.5

**Mechanical Specifications**

**Temperature**

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

Length, in [mm]	4 [101.6]
Width, in [mm]	8 [203.2]
Height, in [mm]	4 [101.6]

**Connector 1**

Type	BNC Female
Outer Conductor Material and Plating	Brass, Nickel

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [0 to 81 dB Rotary Step Attenuator, BNC Female To BNC Female With 0.1 dB Step Rated To 1 Watt Up To 1000 MHz PE7058-1](#)

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 +/-: 0-1dB 0.05dB, 1.1-11dB  
0.5dB, 11-40dB 1.5dB, 41-81dB 2dB

0 to 81 dB Rotary Step Attenuator, BNC Female To BNC Female With 0.1 dB Step Rated To 1 Watt Up To 1000 MHz 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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