



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 |
|------------------------|------------|

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 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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