

5 to 95 dB Dial Continuously Variable Attenuator, SMA Female to SMA Female Rated to 5 Watts Up to 4 GHz



PE7422

Configuration

Design

Continuously Variable, Bidirectional Attenuator

Electrical Specifications Values at 25°C, sea level

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		4	GHz
Impedance		50		Ohms
Attenuation Value		5 to 95		dB
Step Type		Dial		
Input Power (CW)			5	Watts
Peak Power			500	Watts
Insertion Loss		5		dB
VSWR			1.8:1	

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Range	DC to 1	1 to 2	2 to 3	3 to 4		GHz
VSWR	1.5:1	1.6:1	1.7:1	1.8:1		

Mechanical Specifications

Temperature

Operating Range
Storage Range

0 to +85 deg C
+125 to -55 deg C

Size

Length
Width
Height
Weight

2.38 in [60.45 mm]
4.52 in [114.81 mm]
4.52 in [114.81 mm]
2.5895 lbs [1.17 kg]

Connectors

Description	Connector 1	Connector 2
Type	SMA Female	SMA Female
Connector Specification	MIL-STD-348	MIL-STD-348

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

- Values at 25 °C, sea level

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Insertion loss is 3dB in the 30 dB range, 5 dB in other ranges.

5 to 95 dB Dial Continuously Variable Attenuator, SMA Female to SMA Female Rated to 5 Watts Up to 4 GHz 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: [5 to 95 dB Dial Continuously Variable Attenuator, SMA Female to SMA Female Rated to 5 Watts Up to 4 GHz PE7422](#)

URL: <https://www.pasternack.com/90db-continuously-variable-sma-female-sma-female-5-watts-attenuator-pe7422-p.aspx>

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PE7422 CAD Drawing

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