

63 dB With 6 Bit Programmable Attenuator, SMA Female to SMA Female, 1 dB Steps Rated to 0.5 Watts Up to 1,000 MHz



PE7011-6A

Features

Applications

Description

Electrical Specifications (Values at +25°C, sea level)

Description	Min	Typ	Max	Unit
Frequency Range	DC		1,000	MHz
Impedance		50		Ohms
Attenuation Range	0		63	dB
Insertion Loss			2.2	dB
VSWR			1.4:1	
Power Rating			27	dBm
Survial Power Average -20 to +60 deg C				
Step Size		1		dB
Switching Time		15		ms
DC Voltage			12	
DC Current			50	mA
Control Bits		6		Bits

Mechanical Specifications

Size

Length	4.13 in [104.9 mm]
Width	1.86 in [47.24 mm]
Height	0.97 in [24.64 mm]
Weight	0.013 lbs [5.9 g]
Connector 1	SMA Female
Connector 2	SMA Female

Environmental Specifications

Temperature

Operating Range	-20 to +60 deg C
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Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

- Values at 25 °C, sea level

Typical Performance Data

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63 dB With 6 Bit Programmable Attenuator, SMA Female to SMA Female, 1 dB Steps Rated to 0.5 Watts Up to 1,000 MHz 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: [63 dB With 6 Bit Programmable Attenuator, SMA Female to SMA Female, 1 dB Steps Rated to 0.5 Watts Up to 1,000 MHz PE7011-6A](#)

URL: <https://www.pasternack.com/63db-programmable-sma-female-sma-female-0.5-watts-attenuator-pe7011-6a-p.aspx>

The information contained within 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 Enterprises reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack Enterprises does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack Enterprises does not assume liability arising out of the use of any part or document.

PE7011-6A CAD Drawing

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