

20 dB DC Bias Attenuator, SMA Male to SMA
Female Passivated Stainless Steel Body Rated
to 2 Watts from 500 MHz to 2 GHz



PE7061-20

Features

Applications

Description

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	0.5		2	GHz
Impedance		50		Ohms
Attenuation Value		20		dB
Input Power (CW)			2	Watts
VSWR			1.35:1	
Maximum DC Bias Voltage			100	Volts
Maximum DC Bias Current			2	A
Maximum DC Bias Power			100	Watts
Maximum DC Bias Resistance			250	mOhms

Mechanical Specifications

Temperature	
Operating Range, deg C	-55 to +125
Size	
Length, in [mm]	1.57 [39.88]
Width, in [mm]	0.312 [7.92]
Height, in [mm]	0 [0]
Weight, lbs [g]	0.027 [12.25]

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Configuration:

Design	DC Bias, Bidirectional
Body Material and Plating	Passivated Stainless Steel

Connectors

Description	Connector 1	Connector 2
Type	SMA Male	SMA Female
Specification	MIL-STD-348	MIL-STD-348
Impedance	50 Ohms	
Contact Material & Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Body Material & Plating	Passivated Stainless Steel	Passivated Stainless Steel
Coupling Nut Material & Plating	Passivated Stainless Steel	
Hex Size	5/16 in.	
Torque	8 in-lbs 0.9 Nm	
RoHS Compliant	Yes	

Plotted and Other Data

Notes:
Values at 25 °C, sea level

Typical Performance Data

20 dB DC Bias Attenuator, SMA Male to SMA Female Passivated Stainless Steel Body Rated to 2 Watts from 500 MHz to 2 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: [20 dB DC Bias Attenuator, SMA Male to SMA Female Passivated Stainless Steel Body Rated to 2 Watts from 500 MHz to 2 GHz PE7061-20](https://www.pasternack.com/20db-dc-bias-sma-male-sma-female-2-watts-attenuator-pe7061-20-p.aspx)

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