



3 dB Fixed Attenuator, SMA Male To SMA Female
Directional Rated To 50 Watts Up To 18 GHz

TECHNICAL DATA SHEET

PE7336-3

3 dB Fixed Attenuator, SMA Male To SMA Female Directional Rated To 50 Watts Up To 18 GHz

Configuration

Design	Fixed, Directional Attenuator
Connector 1	SMA Male
Connector 2	SMA Female
Body Material and Plating	Aluminum Heatsink, Black Anodized

Electrical Specifications

Frequency Range, GHz	DC to 18
Impedance, Ohms	50
Attenuation Value, dB	3
Maximum Input Power, Watts	50
Maximum VSWR	1.6:1

Frequency 1

Range, GHz	DC to 6
VSWR	1.3:1
Attenuation Accuracy, dB	0.75

Frequency 2

Range, GHz	6 to 12.4
VSWR	1.45:1
Attenuation Accuracy, dB	0.75

Frequency 3

Range, GHz	12.4 to 18
VSWR	1.6:1
Attenuation Accuracy, dB	1

Mechanical Specifications

Temperature

Operating Range, deg C	-55 to +125
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Size

Length, in [mm]	4.01 [101.85]
Width, in [mm]	3 [76.2]
Height, in [mm]	3 [76.2]
Weight, lbs [g]	1.796 [814.65]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [3 dB Fixed Attenuator, SMA Male To SMA Female Directional Rated To 50 Watts Up To 18 GHz PE7336-3](#)

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 1

Type	SMA Male
Contact Material and Plating	Beryllium Copper, Gold
Coupling Nut Material and Plating	Stainless Steel, Passivated
Coupling Nut Plating Specification	Stainless Steel
Hex Size, In.	11/16
Body Material and Plating	Stainless Steel, Passivated

Connector 2

Type	SMA Female
Contact Material and Plating	Beryllium Copper, Gold
Outer Conductor Material and Plating	Stainless Steel, Passivated
Hex Size, In.	11/16
Body Material and Plating	Stainless Steel, Passivated

Compliance Certifications (visit www.Pasternack.com for current document)

RoHS Compliant	Yes
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Plotted and Other Data

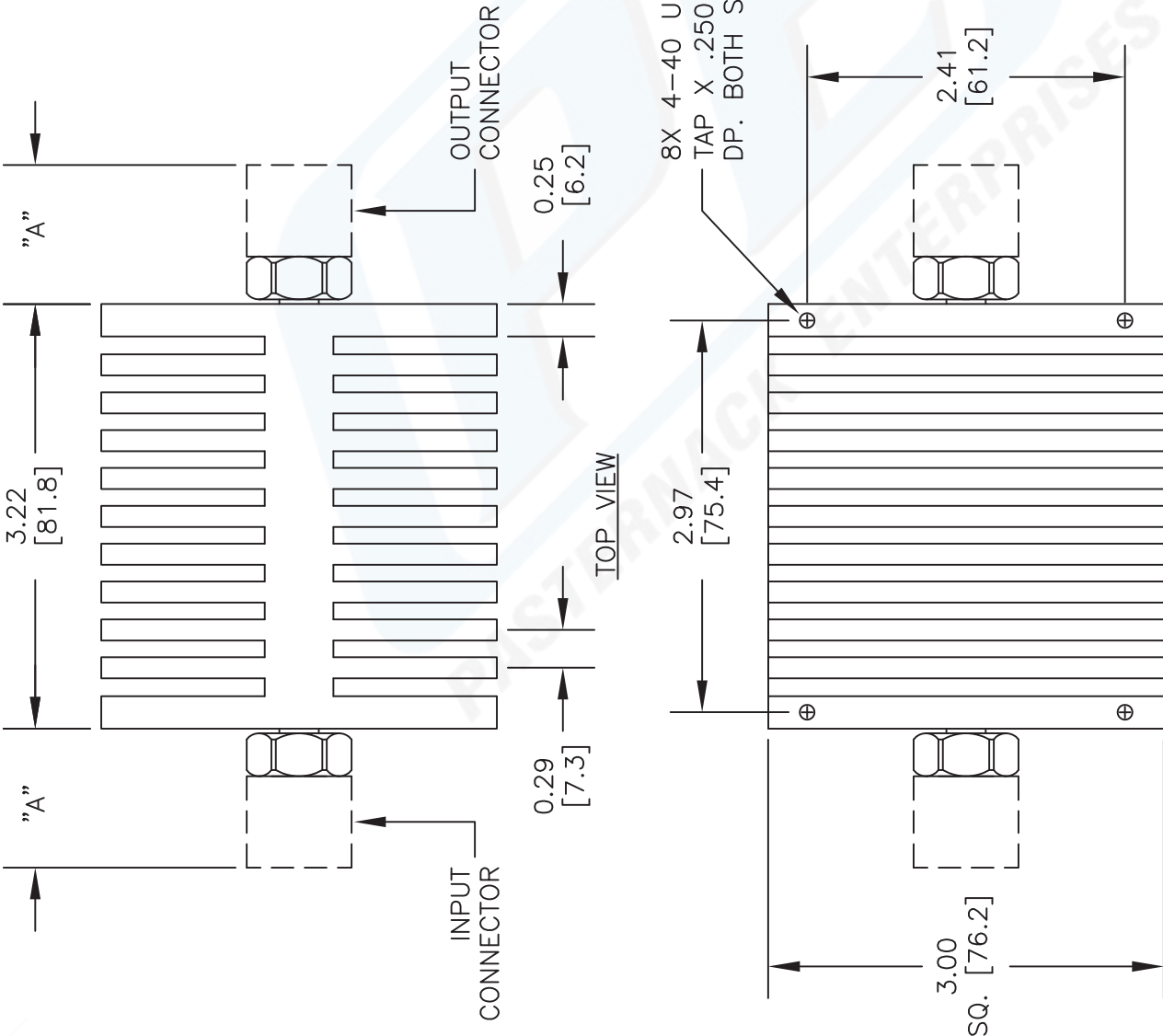
Notes:	Values at 25 °C, sea level OUTPUT PORT HANDLES 5 WATTS MAX POWER
URL:	http://www.pasternack.com/3db-fixed-sma-male-sma-female-50-watts-attenuator-pe7336-3-p.aspx

3 dB Fixed Attenuator, SMA Male To SMA Female Directional Rated To 50 Watts Up To 18 GHz 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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Table of Information	
Connector Type	DIM "A" (REF.)
SMA Male	0.68
SMA Female	0.54
TNC Male	0.98
TNC Female	0.94
N Female	0.95
N Male	0.98
7/16 Male	1.12
7/16 Female	1.16



Part Number Configuration			
xx	Input Connector	Output Connector	
10	7/16 Female	7/16 Male	
11	N Female	7/16 Male	
12	7/16 Male	7/16 Female	
13	7/16 Female	7/16 Female	
14	N Male	7/16 Female	
15	N Female	7/16 Female	
16	7/16 Female	N Male	
17	N Female	N Male	
18	SMA Female	N Male	
19	TNC Female	N Male	
20	7/16 Male	N Female	
21	7/16 Female	N Female	
22	N Male	N Female	
23	N Female	N Female	
24	SMA Male	N Female	
25	SMA Female	N Female	
26	TNC Male	N Female	
27	TNC Female	N Female	
28	7/16 Female	SMA Male	
29	N Female	SMA Male	
30	SMA Female	SMA Male	
31	TNC Female	SMA Male	
32	7/16 Male	SMA Female	
33	7/16 Female	SMA Female	
34	N Male	SMA Female	
35	N Female	SMA Female	
36	SMA Male	SMA Female	
37	SMA Female	SMA Female	
38	TNC Male	SMA Female	
39	TNC Female	SMA Female	
40	7/16 Female	TNC Male	
41	N Female	TNC Male	
42	SMA Female	TNC Male	
43	TNC Female	TNC Male	
44	7/16 Male	TNC Female	
45	7/16 Female	TNC Female	
46	N Male	TNC Female	
47	N Female	TNC Female	
48	SMA Male	TNC Female	
49	SMA Female	TNC Female	
50	TNC Male	TNC Female	
51	TNC Female	TNC Female	
300	Indicates Attenuation Level		

NOTES:

1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
3. DIMENSIONS ARE IN INCHES [mm].

DWG TITLE

PE73xx-yy

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