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



TECHNICAL DATA SHEET PE7348-30

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

Configuration

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

Electrical Specifications

Frequency Range, GHz	DC to 18
Impedance, Ohms	50
Attenuation Value, dB	30
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	1

Frequency 3

Range, GHz	12.4 to 18
VSWR	1.6:1
Attenuation Accuracy, dB	1.5

Mechanical Specifications

Temperature

Operating Range, deg C	-55 to +125

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: 30 dB Fixed Attenuator, SMA Male To TNC Female Directional Rated To 50 Watts Up To 18 GHz PE7348-30

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.

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
Phone: (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
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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	TNC 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

Plotted and Other Data

Notes:	Values at 25 °C, sea level OUTPUT PORT HANDLES 5 WATTS MAX POWER

URL: http://www.pasternack.com/30db-fixed-sma-male-tnc-female-50-watts-attenuator-pe7348-30-p.aspx

30 dB Fixed Attenuator, SMA Male To TNC 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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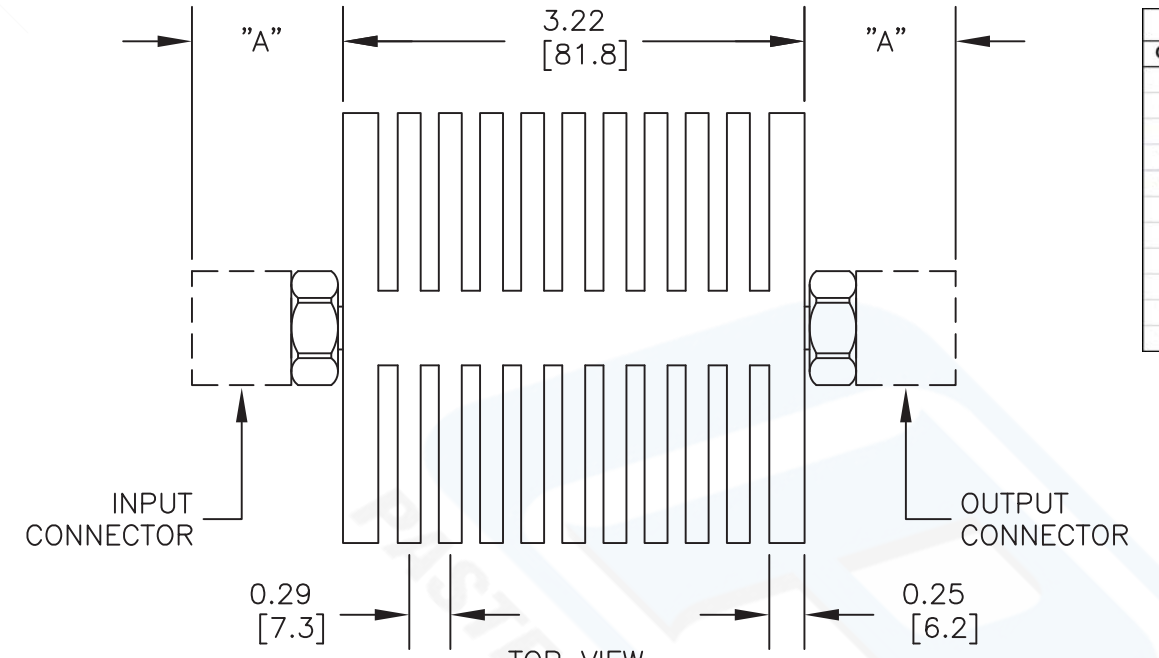
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PE7348-30 CAD Drawing

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Directional Rated To 50 Watts Up To 18 GHz



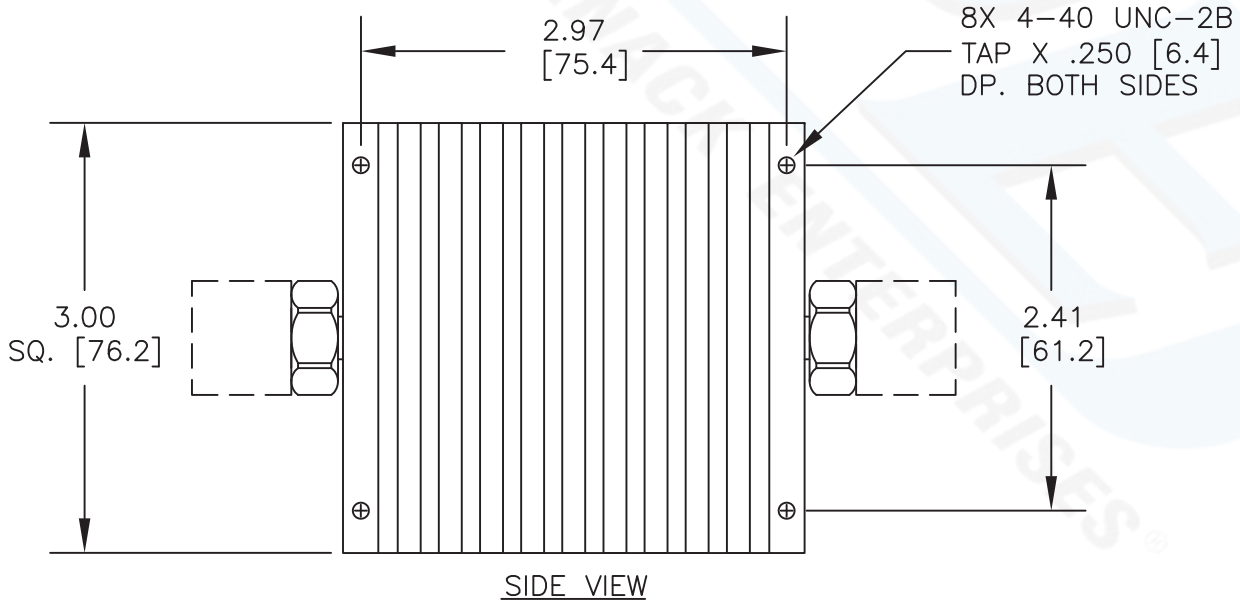


Table of Information	
Connector Type	DIM "A" (REF.)
SMA Male	0.68
SMA Female	0.54
TNC Male	0.98
TNC Female	0.94
N Female	0.95
N Male	0.98
7/16 Male	1.12
7/16 Female	1.16

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
-yy	Indicates Attenuation Level	

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DWG TITLE

PE73xx-yy

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].

FSCM NO. 53919	CAD FILE 102512	SCALE N/A	SIZE A	2233