



6 dB Fixed Attenuator, 7/16 DIN Female To N Female
Directional Rated To 50 Watts Up To 18 GHz

TECHNICAL DATA SHEET

PE7321-6

6 dB Fixed Attenuator, 7/16 DIN Female To N Female Directional Rated To 50 Watts Up To 18 GHz

Configuration

Design	Fixed, Directional Attenuator
Connector 1	7/16 DIN Female
Connector 2	N Female
Body Material and Plating	Aluminum Heatsink, Black Anodized

Electrical Specifications

Frequency Range, GHz	DC to 18
Impedance, Ohms	50
Attenuation Value, dB	6
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: [6 dB Fixed Attenuator, 7/16 DIN Female To N Female Directional Rated To 50 Watts Up To 18 GHz PE7321-6](#)

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	7/16 DIN Female
Contact Material and Plating	Brass, Silver
Hex Size, In.	11/16
Body Material and Plating	Brass, Silver

Connector 2

Type	N Female
Contact Material and Plating	Brass, Gold
Outer Conductor Material and Plating	Brass, Silver
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/6db-fixed-7-16-female-n-female-50-watts-attenuator-pe7321-6-p.aspx

6 dB Fixed Attenuator, 7/16 DIN Female To N 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.

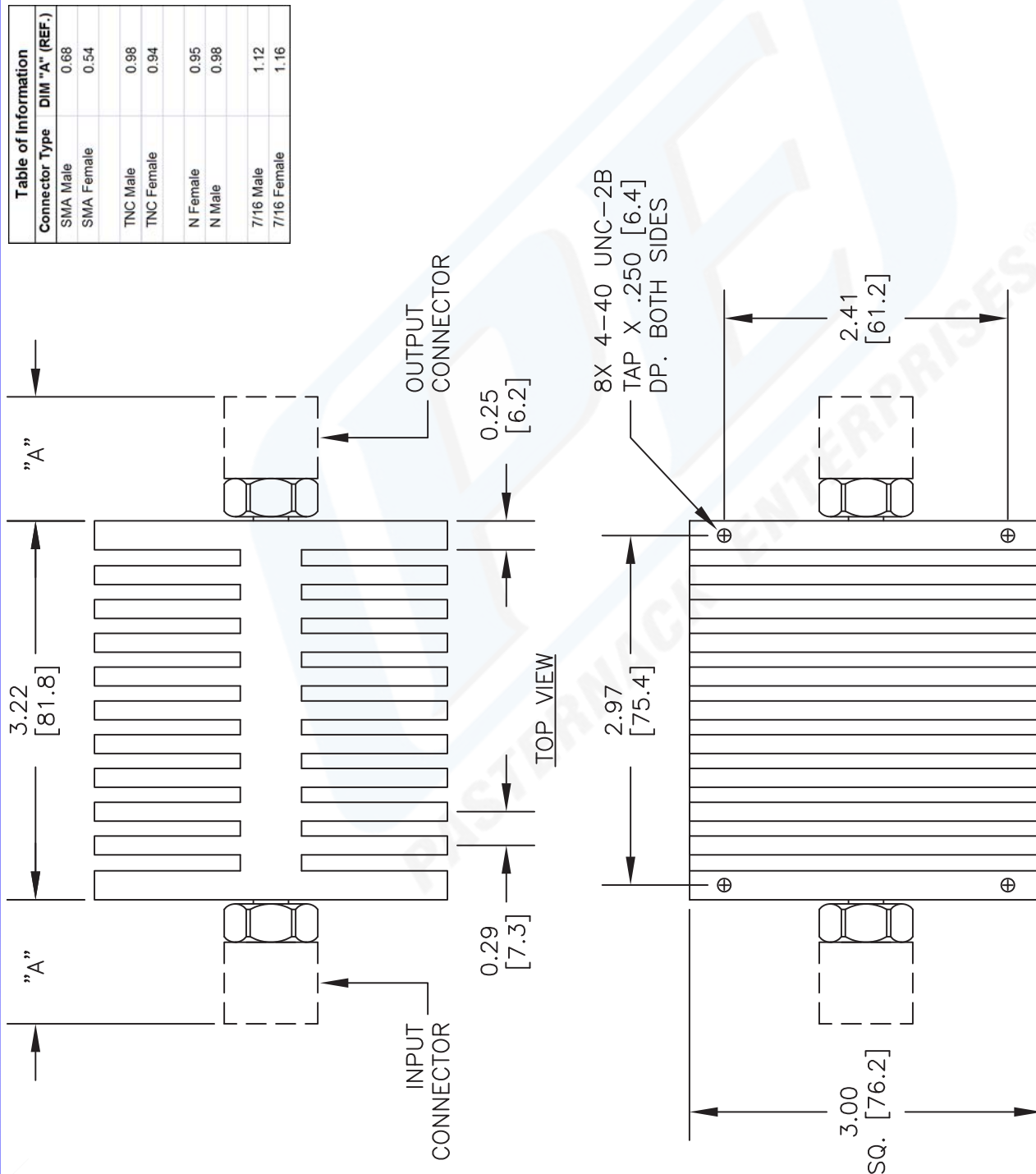
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PE7321-6 CAD Drawing

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

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



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].

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FSCM NO. 53919

CAD FILE 102512

SCALE N/A

SIZE A

2233