



3 dB Fixed Attenuator, 7/16 DIN Male To TNC Female  
Directional Rated To 50 Watts Up To 7.5 GHz

TECHNICAL DATA SHEET

PE7344-3

**3 dB Fixed Attenuator, 7/16 DIN Male To TNC Female Directional Rated To 50 Watts Up To 7.5 GHz**

**Configuration**

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

**Electrical Specifications**

Frequency Range, GHz	DC to 7.5
Impedance, Ohms	50
Attenuation Value, dB	3
Maximum Input Power, Watts	50
Maximum VSWR	1.45:1

**Frequency 1**

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

**Frequency 2**

Range, GHz	6 to 7.5
VSWR	1.45:1
Attenuation Accuracy, dB	0.75

**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]

**Connector 1**

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

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, 7/16 DIN Male To TNC Female Directional Rated To 50 Watts Up To 7.5 GHz PE7344-3](#)

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 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](http://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/3db-fixed-7-16-male-tnc-female-50-watts-attenuator-pe7344-3-p.aspx>

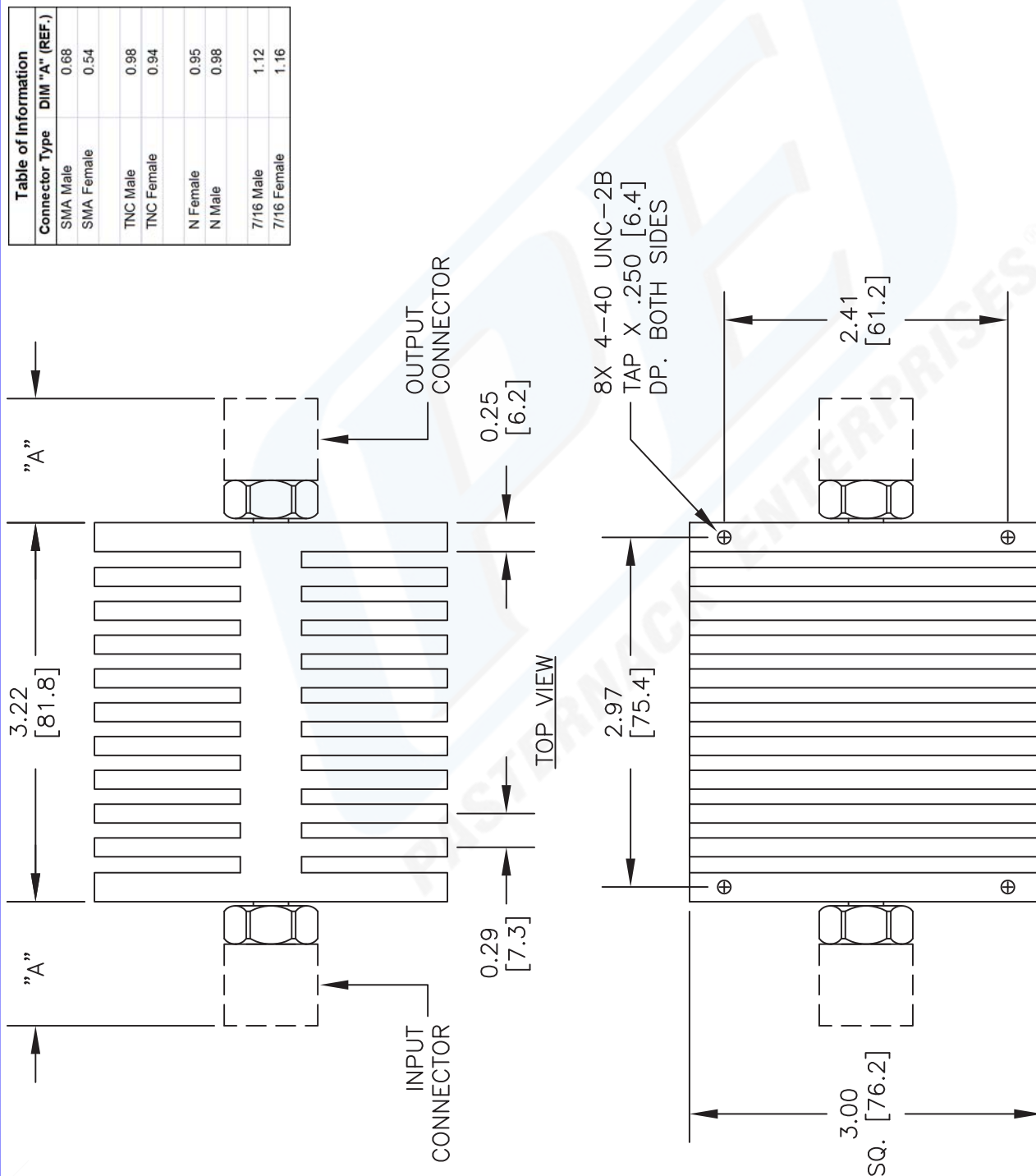
3 dB Fixed Attenuator, 7/16 DIN Male To TNC Female Directional Rated To 50 Watts Up To 7.5 GHz from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

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# PE7344-3 CAD Drawing

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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 N Male
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

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

SCALE N/A

SIZE A

2233