

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



TECHNICAL DATA SHEET

PE7344-20

20 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	20
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: [20 dB Fixed Attenuator, 7/16 DIN Male To TNC Female Directional Rated To 50 Watts Up To 7.5 GHz PE7344-20](#)

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 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/20db-fixed-7-16-male-tnc-female-50-watts-attenuator-pe7344-20-p.aspx>

20 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.

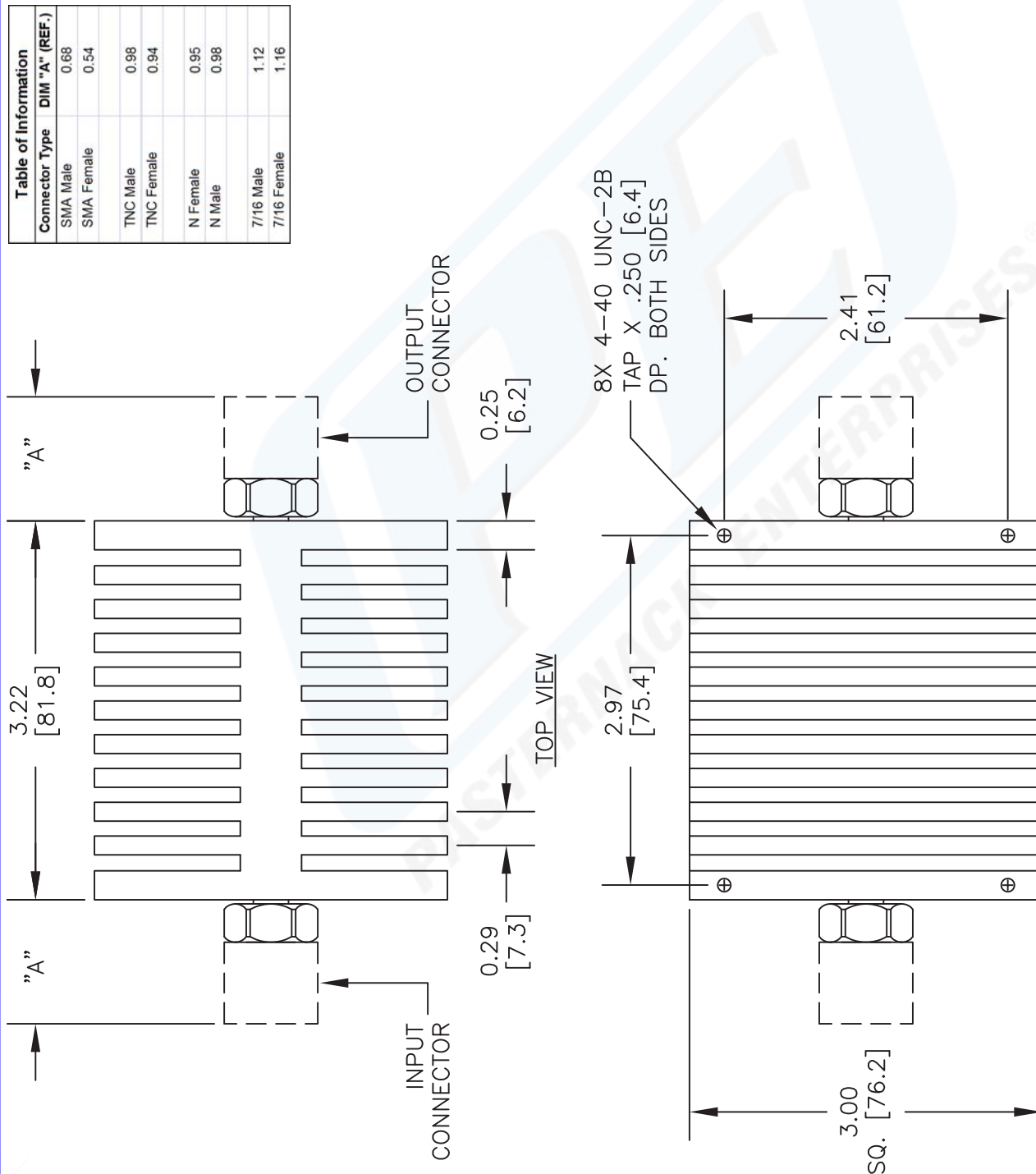
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PE7344-20 CAD Drawing

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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



DWG TITLE

PE73xx-yy

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CAD FILE 102512

SCALE N/A

SIZE A

2233