

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](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/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.

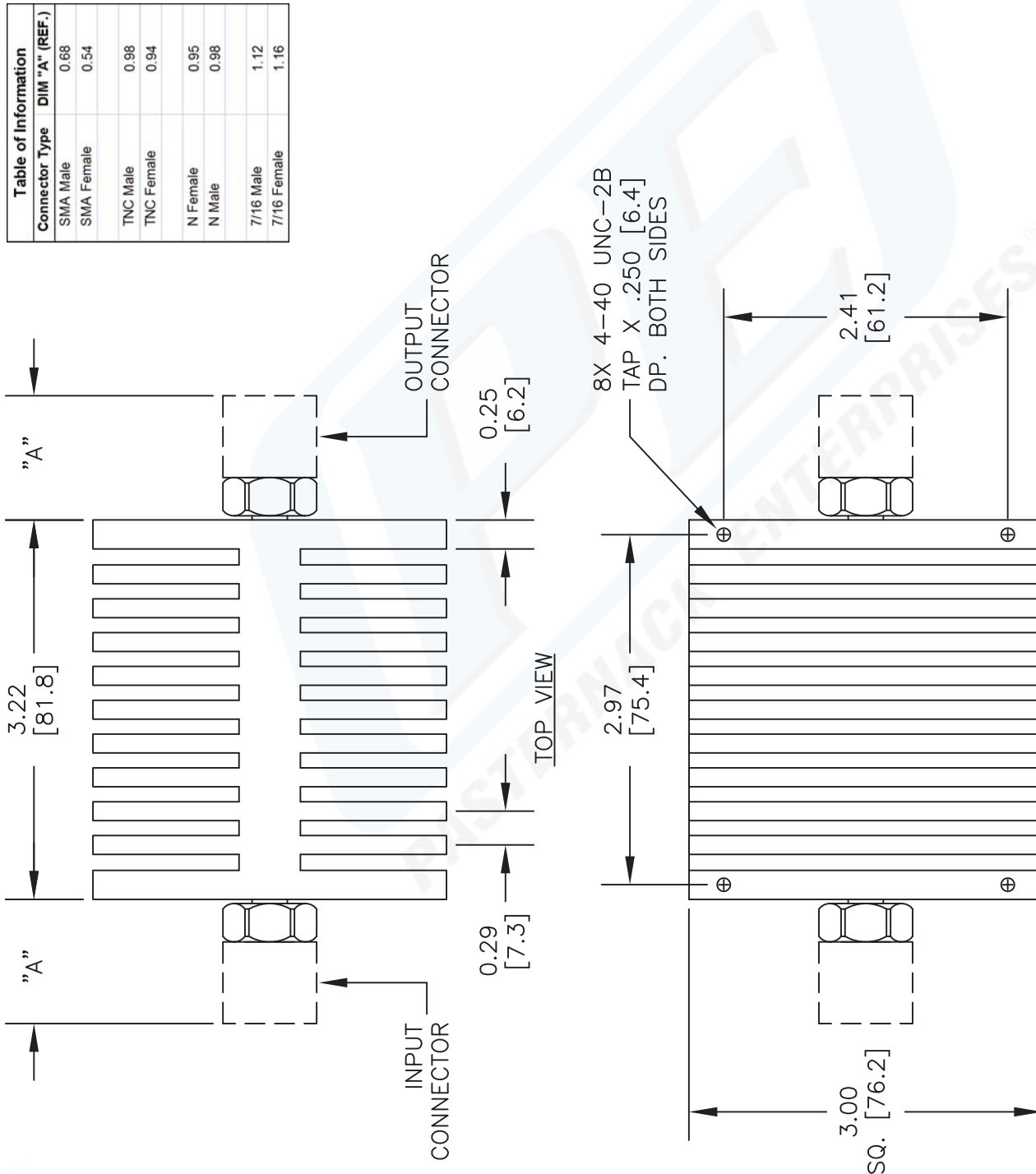
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# PE7344-20 CAD Drawing

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Table of Information		
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	



DWG TITLE

**PE73xx-yy**

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FSCM NO. 53919

CAD FILE 102512

SCALE N/A

SIZE A

2233