

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



TECHNICAL DATA SHEET

PE7312-20

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

Configuration

Design	Fixed, Directional Attenuator
Connector 1	7/16 DIN Male
Connector 2	7/16 DIN 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
------------------------	-------------

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 7/16 DIN Female Directional Rated To 50 Watts Up To 7.5 GHz PE7312-20](#)

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.

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



TECHNICAL DATA SHEET

PE7312-20

Connector 2

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

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-7-16-female-50-watts-attenuator-pe7312-20-p.aspx

20 dB Fixed Attenuator, 7/16 DIN Male To 7/16 DIN 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.

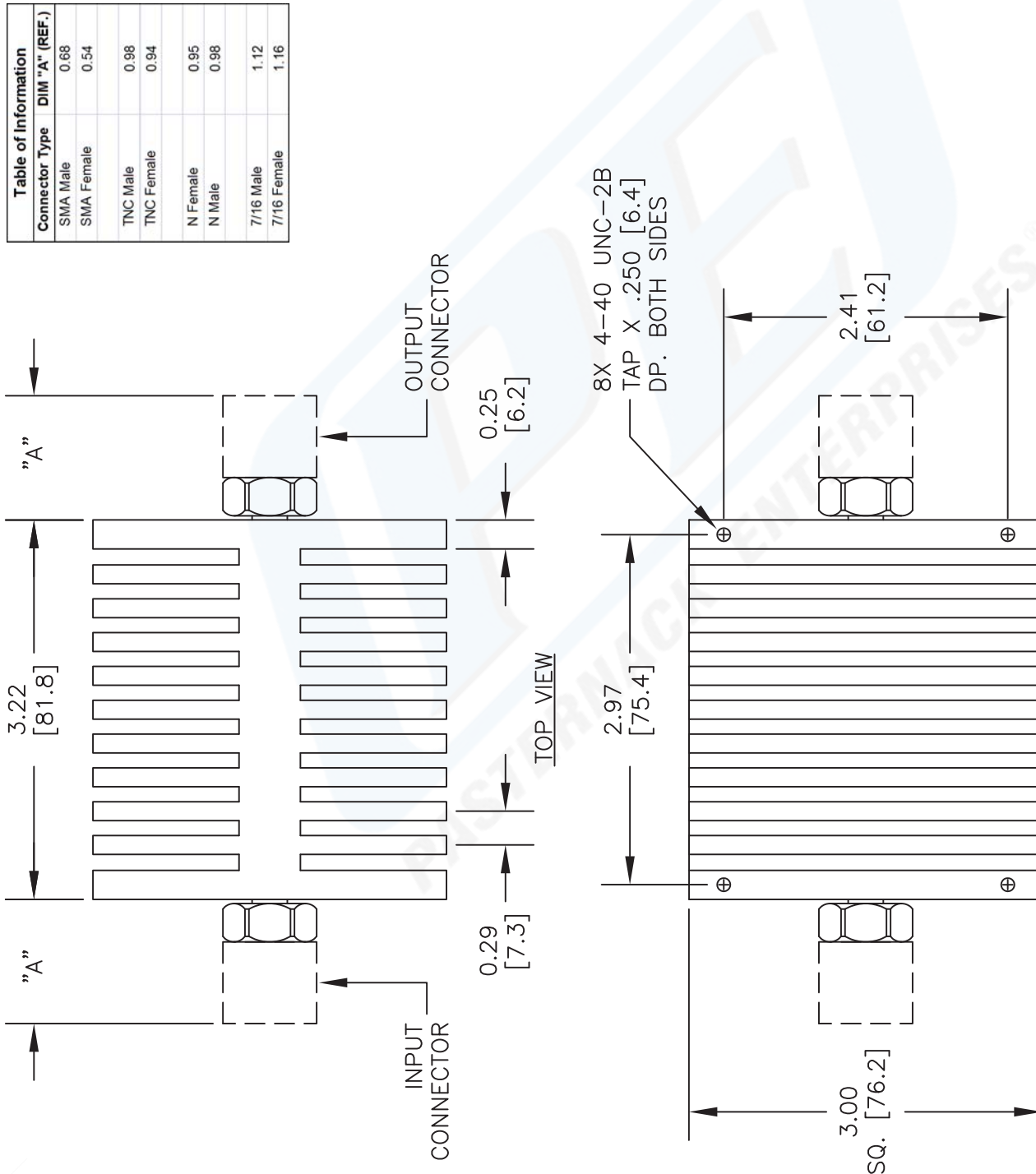
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal.

PE7312-20 CAD Drawing

20 dB Fixed Attenuator, 7/16 DIN Male To 7/16 DIN Female

Directional Rated To 50 Watts Up To 7.5 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	



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].

PASTERNAK®
Pasternack Enterprises, Inc.
P.O. Box 16759 | Irvine | CA | 92623
Phone: (949) 261-1920 | Fax: (949) 261-7451
Website: www.pasternack.com | E-Mail: sales@pasternack.com

FSCM NO. 53919

CAD FILE 102512

SCALE N/A

SIZE A

2233