

20 dB Fixed Attenuator, SMA Female To TNC Male Directional Rated To 100 Watts Up To 6 GHz



TECHNICAL DATA SHEET

PE7233-20

	ors operate from DC to 6 GHz, and are available in 42 different 7/16 DIN
	s connector combinations. Our 100W Attenuators are manufactured with
	connectors, and Silver Plated Brass 7/16 DIN connectors. Pasternac
	3, 20 dB, 30 dB, 40 dB, 60 dB values and will operate from -55 to +125
5	are available beyond the 42 standard designs, upon request.
100W average power and 2,000W peak pow	rei handling capability
 Operate to 6 GHz Temperature range of -55 to +125 degrees 0 	N N N N N N N N N N N N N N N N N N N
 42 in-series and between series combination 	
 7/16 DIN, SMA, N, TNC Male and Female complete c	
Other connector combinations available upo	
Configuration	
Configuration	Fixed Directional Attenuator
Design	Fixed, Directional Attenuator SMA Female
Connector 1 Connector 2	TNC Male
	Aluminum Heatsink, Black Anodized
Body Material and Plating	Aluminum Heatsink, Black Anouizeu
Electrical Specifications	SV SV
Frequency Range, GHz	DC to 6
Impedance, Ohms	50
Attenuation Value, dB	20
Maximum Input Power, Watts	100
Maximum VSWR	1.45:1
Frequency 1	
Range, GHz	DC to 2
VSWR	1.2:1
Attenuation Accuracy, dB	±1
Frequency 2	
Range, GHz	2 to 4
VSWR Attenuation Accuracy, dB	1.35:1 ± 1
Frequency 3 Range, GHz	4 to 6
VSWR	1.45:1
Attenuation Accuracy, dB	± 1.25
Machanical Specifications	
Mechanical Specifications Temperature	
Operating Range, deg C	-55 to +125

6 GHz PE7233-20 The information contained in this document is accurate to the best of our knowledge and representative of the part described

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.

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623 **Phone:** (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451 Sales@Pasternack.com • Techsupport@Pasternack.com





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S	ize

Length, in [mm] Width, in [mm] Height, in [mm] Weight, Ibs [Kg]

Connector 1 Type

Type Contact Material and Plating Body Material and Plating

Connector 2 Type Contact Material and Plating Coupling Nut Material and Plating Body Material and Plating 4.9 [124.46] 3.8 [96.52] 2.7 [68.58] 3 [1.36]

SMA Female Beryllium Copper, Gold Stainless Steel, Passivated

TNC Male Beryllium Copper, Gold Stainless Steel, Passivated 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

URL: http://www.pasternack.com/20db-fixed-sma-female-tnc-male-100-watts-attenuator-pe7233-20-p.aspx

20 dB Fixed Attenuator, SMA Female To TNC Male Directional Rated To 100 Watts Up To 6 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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20 dB Fixed Attenuator, SMA Female To TNC Male Directional Rated To 100 Watts Up To 6 GHz 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]. 2233 Output Connector SMA Female 7/16 Female 7/16 Female 7/16 Female 7/16 Female INC Female **TNC Female INC Female** INC Female TNC Female INC Female **TNC Female TNC Female** SMA Male SMA Male SMA Male SMA Male 7/16 Male 7/16 Male TNC Male **TNC Male** TNC Male TNC Male N Female N Male N Male N Male N Male ∢ SIZE Indicates Attenuation Level Input Connector SCALE N/A SMA Female SMA Female SMA Female SMA Female SMA Female 7/16 Female TNC Female SMA Female 7/16 Female TNC Female TNC Female 7/16 Female INC Female 7/16 Female TNC Female 7/16 Female 7/16 Female TNC Female 7/16 Female 7/16 Female SMA Nale SMA Nale SMA Nale TNC Male 7/16 Male N Female 7/16 Male N Female N Female 7/16 Male N Female N Female 7/16 Male N Female TNC Male N Female N Female TNC Male N Male N Male N Male N Male Š 05 00 00 00 00 9 13 13 15 16
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 × 02 33 7 339 340 4 4 2 091412 Connector Type DIM "A" (REF.) 0.68 0.98 0.95 1.12 0.54 0.94 0.98 CAD FILE SMA Female **TNC** Female 7/16 Female 2.70 REF. [68.6] SMA Male TNC Male N Female 7/16 Male CONNECTOR N Male 53919 OUTPUT PE72xx-yy . NO FSCM "≺ DWG TITLE 50.8 2.00 Website: www.pasternack.com | E-Mail: sales@pasternack.com O O Ð Ð 0 O Phone: (949) 261-1920 | Fax: (949) 261-7451 SIDE VIEW TOP VIEW **PEI** PASTERNACK 124.5 116.8 4.60 Pasternack Enterprises, Inc. P.O. Box 16759 | Irvine | CA | 92623 4.90 O O 0 O Ð Ð \bigcirc O CONNECTOR

PE7233-20 CAD Drawing

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Part Number Configuration

Table of Information

4X M4x0.7 TAP 0.4 [10] DP.

[21.1]

0.83

INPUT

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