

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



## **TECHNICAL DATA SHEET**

## PE7237-20

Pasternack Enterprises line of 100W Attenuator N, SMA and TNC in-series and between-series Passivated Stainless Steel SMA, TNC and N c 100W Attenuators come in 3 dB, 6 dB, 10 dB,	s nnectors are available
Configuration	
Design	Fixed, Directional Attenuator
Connector 1	N Male
Connector 2	TNC Female
Body Material and Plating	Aluminum Heatsink, Black Anodized
Electrical Specifications	
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	1.35:1
Attenuation Accuracy, dB	± 1
Frequency 3	
Range, GHz	4 to 6
VSWR	1.45:1
Attenuation Accuracy, dB	± 1.25
Mechanical Specifications Temperature	
Operating Range, deg C	-55 to +125
	SEARCH" on website) to obtain additional part information including pricator, N Male To TNC Female Directional Rated To 100 Watts Up To 6 GH

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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Length, in [mm] Width, in [mm] Height, in [mm]

Weight, lbs [Kg]

**Connector 1** Type Contact Material and Plating Coupling Nut Material and Plating Body Material and Plating

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

N Male Beryllium Copper, Gold Stainless Steel, Passivated Stainless Steel, Passivated

TNC Female Beryllium Copper, Gold Stainless Steel, Passivated

Compliance Certifications (visit www.Pasternack.com for current document) RoHS Compliant Yes

## **Plotted and Other Data**

Notes:

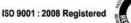
Values at 25 °C, sea level

URL: http://www.pasternack.com/20db-fixed-n-male-tnc-female-100-watts-attenuator-pe7237-20-p.aspx

20 dB Fixed Attenuator, N Male To TNC Female 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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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 **TNC 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 Part Number Configuration 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.) 0.54 0.98 0.95 1.12 0.68 Table of Information 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 E 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 0 O CONNECTOR INPUT "∖ 4X M4x0.7 TAP 0.4 [10] DP. 48.3] [21.1] 06. 0.83

PE7237-20 CAD Drawing 20 dB Fixed Attenuator, N Male To TNC Female

Directional Rated To 100 Watts Up To 6 GHz