

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



TECHNICAL DATA SHEET

PE7232-30

Pasternack Enterprises line of 100W Attenuate	Iale Directional Rated To 100 Watts Up To 6 GHz ors operate from DC to 6 GHz, and are available in 42 different 7/16 DIN
N, SMA and TNC in-series and between-series	s connector combinations. Our 100W Attenuators are manufactured with
Passivated Stainless Steel SMA, TNC and N	connectors, and Silver Plated Brass 7/16 DIN connectors. Pasternac
100W Attenuators come in 3 dB, 6 dB, 10 dB	, 20 dB, 30 dB, 40 dB, 60 dB values and will operate from -55 to +12
degrees C. Additional connector combinations	are available beyond the 42 standard designs, upon request.
 100W average power and 2,000W peak pow 	ver handling capability
Operate to 6 GHz	
 Temperature range of -55 to +125 degrees C 	
 42 in-series and between series combination 	IS
 7/16 DIN, SMA, N, TNC Male and Female co 	onnectors are available
 Other connector combinations available upon 	n request
Configuration	
Configuration	Fixed Directional Attenuator
Design	Fixed, Directional Attenuator
Connector 1	N Female
Connector 2	TNC Male
Body Material and Plating	Aluminum Heatsink, Black Anodized
Electrical Specifications	
Frequency Range, GHz	DC to 6
Impedance, Ohms	50
Attenuation Value, dB	30
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	± 1.25
Frequency 3	
Range, GHz	4 to 6
VSWR	1.45:1
Attenuation Accuracy, dB	± 1.5
Mechanical Specifications	
Temperature	
Operating Range, deg C	-55 to +125
	00101120
	"SEARCH" on website) to obtain additional part information including pri
-	ator, N Female To TNC Male Directional Rated To 100 Watts Up To 6 Gł
PE7232-30	

PE7232-30 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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Size	

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

Connector 1 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]

N 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/30db-fixed-n-female-tnc-male-100-watts-attenuator-pe7232-30-p.aspx

30 dB Fixed Attenuator, N 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.

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.



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 7/16 Female SMA Female 7/16 Female TNC Female TNC Female 7/16 Female INC Female 7/16 Female TNC 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 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

PE7232-30 CAD Drawing 30 dB Fixed Attenuator, N Female To TNC Male

Directional Rated To 100 Watts Up To 6 GHz