

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



TECHNICAL DATA SHEET

PE7237-3

	e Directional Rated To 100 Watts Up To 6 GHz s operate from DC to 6 GHz, and are available in 42 different 7/16 DIN,
N, SMA and TNC in-series and between-series of Passivated Stainless Steel SMA, TNC and N co 100W Attenuators come in 3 dB, 6 dB, 10 dB,	connector combinations. Our 100W Attenuators are manufactured with onnectors, and Silver Plated Brass 7/16 DIN connectors. Pasternack 20 dB, 30 dB, 40 dB, 60 dB values and will operate from -55 to +125
 degrees C. Additional connector combinations a 100W average power and 2,000W peak power Operate to 6 GHz 	re available beyond the 42 standard designs, upon request. r handling capability
 Temperature range of -55 to +125 degrees C 42 in-series and between series combinations 	
 7/16 DIN, SMA, N, TNC Male and Female con 	
Other connector combinations available upon	request
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	3
Maximum Input Power, Watts	100
Maximum VSWR	1.45:1
Frequency 1	
Range, GHz	DC to 2
VSWR	1.2:1
Attenuation Accuracy, dB	±0.75
Frequency 2	
Range, GHz	2 to 4
VSWR	1.35:1
Attenuation Accuracy, dB	± 0.75
Frequency 3	
Range, GHz	4 to 6
VSWR	1.45:1
Attenuation Accuracy, dB	± 1
Mechanical Specifications	
Temperature	
Operating Range, deg C	-55 to +125
	00101120

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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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Size	
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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

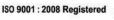
Notes:

Values at 25 °C, sea level

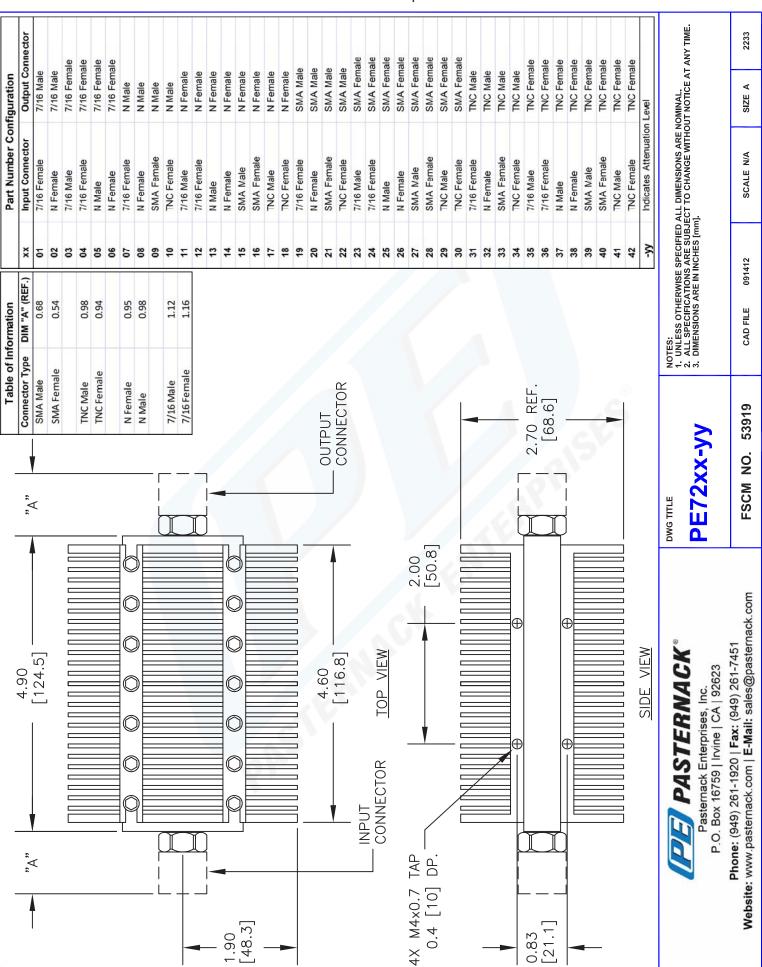
URL: http://www.pasternack.com/3db-fixed-n-male-tnc-female-100-watts-attenuator-pe7237-3-p.aspx

3 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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PE7237-3



PE7237-3 CAD Drawing

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