

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



TECHNICAL DATA SHEET

PE7241-50

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,	nnectors are available
Configuration	
Design	Fixed, Directional Attenuator
Connector 1	TNC 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	50
Maximum Input Power, Watts	100
Maximum VSWR	1.45:1
Frequency 1	
Range, GHz	DC to 2
VSWR	1.2:1
Attenuation Accuracy, dB	± 1.5
Frequency 2	
Range, GHz	2 to 4
VSWR	1.35:1
Attenuation Accuracy, dB	±2
Frequency 3	
Range, GHz	4 to 6
VSWR	1.45:1
Attenuation Accuracy, dB	±2.5
Mechanical Specifications Temperature	
Operating Range, deg C	-55 to +125
	SEARCH" on website) to obtain additional part information including price tor, TNC Male To TNC Female Directional Rated To 100 Watts Up To

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, 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]

TNC 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/50db-fixed-tnc-male-tnc-female-100-watts-attenuator-pe7241-50-p.aspx

50 dB Fixed Attenuator, TNC 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.

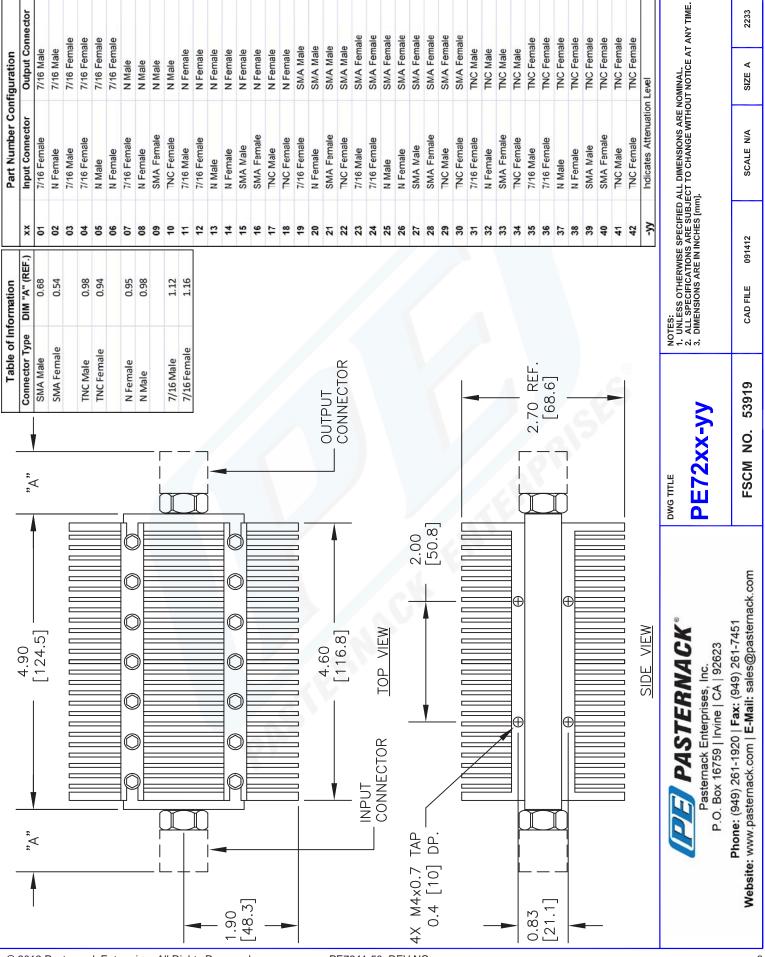
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PE7241-50 CAD Drawing 50 dB Fixed Attenuator, TNC Male To TNC Female Directional Rated To 100 Watts Up To 6 GHz



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