

50 dB Fixed Attenuator, SMA Male To TNC Female Directional Rated To 50 Watts Up To 18 GHz



## **TECHNICAL DATA SHEET**



50 dB Fixed Attenuator, SMA Male To TNC Female Directional Rated To 50 Watts Up To 18 GHz	
Configuration	
Design	Fixed, Directional Attenuator
Connector 1	SMA Male
Connector 2	TNC Female
Body Material and Plating	Aluminum Heatsink, Black Anodized
Electrical Specifications	
Frequency Range, GHz	DC to 18
Impedance, Ohms	50
Attenuation Value, dB	50
Maximum Input Power, Watts	50
Maximum VSWR	1.6:1
Maximum VSVVR	1.0.1
Frequency 1	
Range, GHz	DC to 6
VSWR	1.3:1
Attenuation Accuracy, dB	1.25
Frequency 2	
Range, GHz	6 to 12.4
VSWR	1.45:1
Attenuation Accuracy, dB	2
Frequency 3	
Range, GHz	12.4 to 18
VSWR	1.6:1
Attenuation Accuracy, dB	2.5
Mechanical Specifications	
Temperature	55 to 1405
Operating Range, deg C	-55 to +125
Size	
Length, in [mm]	4.01 [101.85]
Width, in [mm]	3 [76.2]
Height, in [mm]	3 [76.2]
Weight, lbs [g]	1.796 [814.65]
weight, ibs [g]	1.730 [014.00]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 50 dB Fixed Attenuator, SMA Male To TNC Female Directional Rated To 50 Watts Up To 18 GHz PE7348-50

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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PE7348-50

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## **Connector 1**

Type Contact Material and Plating Coupling Nut Material and Plating **Coupling Nut Plating Specification** Hex Size, In. Body Material and Plating

**Connector 2** Type Contact Material and Plating Outer Conductor Material and Plating Hex Size, In. Body Material and Plating

SMA Male Beryllium Copper, Gold Stainless Steel, Passivated Stainless Steel 11/16 Stainless Steel, Passivated

TNC Female Beryllium Copper, Gold Stainless Steel, Passivated 11/16 Stainless Steel, Passivated

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

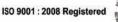
## **Plotted and Other Data**

Notes:

Values at 25 °C, sea level **OUTPUT PORT HANDLES 5 WATTS MAX POWER** URL: http://www.pasternack.com/50db-fixed-sma-male-tnc-female-50-watts-attenuator-pe7348-50-p.aspx

50 dB Fixed Attenuator, SMA Male To TNC Female Directional Rated To 50 Watts Up To 18 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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PE7348-50 CAD Drawing 50 dB Fixed Attenuator, SMA Male To TNC Female

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