

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



## **TECHNICAL DATA SHEET**



6 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	6
Maximum Input Power, Watts	50
Maximum VSWR	1.6:1
Frequency 1	
Range, GHz	DC to 6
VSWR	1.3:1
Attenuation Accuracy, dB	0.75
Frequency 2	
Range, GHz	6 to 12.4
VSWR	1.45:1
Attenuation Accuracy, dB	0.75
Frequency 3	
Range, GHz	12.4 to 18
VSWR	1.6:1
Attenuation Accuracy, dB	1
Mechanical Specifications	
Temperature	
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]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 6 dB Fixed Attenuator, SMA Male To TNC Female Directional Rated To 50 Watts Up To 18 GHz PE7348-6

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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**PE7348-6** 

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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**

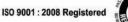
Notes:

Values at 25 °C, sea level **OUTPUT PORT HANDLES 5 WATTS MAX POWER** URL: http://www.pasternack.com/6db-fixed-sma-male-tnc-female-50-watts-attenuator-pe7348-6-p.aspx

6 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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PE7348-6 CAD Drawing 6 dB Fixed Attenuator, SMA Male To TNC Female Directional Rated To 50 Watts Up To 18 GHz

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** 7/16 Female 7/16 Female SMA Female SMA Female TNC Female 7/16 Female 7/16 Female SMA Female SMA Female SMA Female SMA Female SMA Female SMA Female INC Female INC Female **TNC Female** INC Female TNC Female INC Female INC Female 7/16 Male 7/16 Male SMA Male SMA Male SMA Male SMA Male TNC Male TNC Male N Female N Female N Female N Female N Female TNC Male TNC Male N Female N Female N Female N Male N Male N Male N Male Part Number Configuration ∢ SIZE Indicates Attenuation Level Input Connector SMA Female SMA Female SMA Female SMA Female SMA Female SMA Female TNC Female **TNC Female** 7/16 Female TNC Female TNC Female 7/16 Female TNC Female SCALE N/A 7/16 Female 7/16 Female 7/16 Female 7/16 Female 7/16 Female 7/16 Female TNC Female SMA Male TNC Male SMA Male TNC Male SMA Male 7/16 Male N Female 7/16 Male N Female N Female 7/16 Male N Female 7/16 Male TNC Male N Female N Female N Female N Female N Male N Male N Male N Male Ň 47 48 49 50 51 ×× 9 Ξ 2 3 15 14 43 43 4 4 9 102512 DIM "A" (REF.) 1.12 0.68 0.54 0.98 0.94 0.95 0.98 Table of Information CAD FILE **Connector Type** SMA Female TNC Female 7/16 Female SMA Male TNC Male 7/16 Male 8X 4-40 UNC-2B N Female X .250 [6.4] N Male BOTH SIDES 53919 CONNECTOR [61.2] 2.41 PE73xx-yy OUTPUT <u>No.</u> TAP DP. [6.2] FSCM 0.25 DWG TITLE "∀" `⊕ ⊕ Website: www.pasternack.com | E-Mail: sales@pasternack.com Phone: (949) 261-1920 | Fax: (949) 261-7451 SIDE VIEW PASTERNACK TOP VIEW [81.8] 75.4] 2.97 Pasternack Enterprises, Inc. P.O. Box 16759 | Irvine | CA | 92623 3.22 ⊕ ⊕ [7.3] 0.29 J "≺ INPUT CONNECTOR [76.2] 3.00 so.