

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



TECHNICAL DATA SHEET

PE7329-30

30 dB Fixed Attenuator, N Female To SMA Ma	ale Directional Rated To 50 Watts Up To 18 GHz
Configuration	
Design	Fixed, Directional Attenuator
Connector 1	N Female
Connector 2	SMA Male
Body Material and Plating	Aluminum Heatsink, Black Anodized
Electrical Specifications	
Frequency Range, GHz	DC to 18
Impedance, Ohms	50
Attenuation Value, dB	30
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	1
Frequency 3	
Range, GHz	12.4 to 18
VSWR	1.6:1
Attenuation Accuracy, dB	1.5
Mechanical Specifications	
Temperature	
Operating Range, deg C	-55 to +125
operating range, deg e	00101120
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]
woight, ibo [9]	

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 30 dB Fixed Attenuator, N Female To SMA Male Directional Rated To 50 Watts Up To 18 GHz PE7329-30

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



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



PE7329-30

TECHNICAL DATA SHEET

Connector 1

Type Contact Material and Plating 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

N Female Brass, Gold 11/16 Stainless Steel, Passivated

SMA Male 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/30db-fixed-n-female-sma-male-50-watts-attenuator-pe7329-30-p.aspx

30 dB Fixed Attenuator, N Female To SMA Male 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.

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

PE7329-30 CAD Drawing 30 dB Fixed Attenuator, N Female To SMA Male

Directional Rated To 50 Watts Up To 18 GHz

Bit Network Cost
0.15 0.15 0.16 0.1 0.16 0.16 1 0.15 0.16 0.16 0.16 0.16 1 0.16 0.16 0.16 0.16 0.16 1 0.17 0.17 0.16 0.16 0.16 1 0.17 0.15 0.16 0.16 0.16 1 0.16 0.16 0.16 0.16 0.16 1 0.25 0.17 0.16 0.16 0.16 1 0.25 0.17 0.25 0.16 0.16 2 0.17 0.25 0.16 0.16 0.16 2 0.17 0.25 0.16 0.16 0.16 2 0.17 0.25 0.16 0.16 0.16 2 0.17 0.25 0.16 0.16 0.16 2 0.17 0.17 0.16 0.16 0.16 3 4 4 0.00 0.16 0.16 3 0.17 0.16 0.16 0.16 3 0.16 0.16 0.16 0.16 4 0.17 0.16 0.16 0.16 3 0.16 0.16
0.11 0.11 1.1 7.16 Meile 1.1 2.1 7.16 Meile 1.1 2.1 7.16 Meile 2.1 7.16 Meile 2.1 7.16 Meile 2.1 7.16 Meile 2.2 7.
Image: Description Image:
Image: Description Doc Doc <thdoc< th=""> Doc <thdoc< th=""></thdoc<></thdoc<>
Neme 035 Nemale 035 Nemale
0.17b 0.17b 0.17b 0.17b 0.17b 1.16 0.16 1.12 0.17b 0.17b 1.16 0.17b 0.17b 0.17b 0.17b 1.17 0.17b 0.17b 0.17b 0.17b 1.18 0.17b 0.17b 0.17b 0.17b 1.18 0.17b 0.17b 0.17b 0.17b 1.18 0.17b 0.17b 0.17b 0.17b 1.19 0.17b 0.17b 0.17b 0.17b 1.19 0.17b 0.17b 0.17b 0.17b 1.19 0.17b 0.17b 0.17b 0.17b 1.117 0.17b 0.17b 0.17b
1/16 Male 1/12 SMA Ferrate 7/16 Fermale 7/16 Fermale 7/16 Fermale 7/16 Fermale 7/16 Fermale 2 0UTPUT 00 2 NM Alle 2 0 2 NM Alle 2 0.25 5 SMA Fermale 1 0.25 2 NM Alle 2 0.25 2 SMA Fermale 1 0.25 5 SMA Fermale 1 0.25 2 NM Alle 2 7 5 SMA Fermale 1 1 2 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
T/16 Male 1.2 10 T/16 Female 1.12 10 Formale 11 10 <th< td=""></th<>
Image: Connection Image: Connection Image: Connection 0.25 0.17but 2 Nemale 2 Name 2 Nemale 2 Name 2 SMA Male 2 Name 2 Nemale 2 Nemale 2 SMA Fende 2 Nemale 2 Nemale 2 Nemale 2 Nemale 2 Nemale 2 Nemale 3 4 - 40 UNC-2B 2 Nemale 3 4 - 40 UNC-2B 2 Nemale 3 2 Nemale 2 3 3 Nemale 3 116 Female 2 3 Nemale 2
21 7/16 Female 22 N Male 23 N Female 24 SMA Male 25 SMA Female 26 SMA Female 26 SMA Female 27 NC Female 28 MA Female 28 MA Female 27 NC Female 28 MA Female 29 MA Female 29 MA Female 20
2 N Male OUTPUT 2 N Male CONNECTOR 2 SMA Female 0.25 SMA Female 2 0.25 To K Female 2 0.25 N Female 2 0.25 SMA Male 2 16.2] DP. BOTH SIDES 2 0P. BOTH SIDES 2 1/16 Female 2 Trik Male 2 2 N Female 2 2 N Female 2 3 N Female 2 N Female 2 10P. BOTH SIDES 3 N Female 2 N Male 2 SMA Afende 2 1/16 Female 4 1/16 Male
OUTPUT 23 N Female CONNECTOR 25 SMA Ferale 0.25 53 N Female 0.25 54 N Female 0.25 54 N Female 0.25 54 N Female 0.25 54 N Female 0.241 55 N Female 0.241 66 7/16 Female 0.241 66 7/16 Female 0.241 66 7/16 Female 0.241
OUTPUT CONNECTOR 0.25 0.5 MA Female 0.25 0.5 MA Female 27 TVC Female 0.25 0.5 MA Female 28 MA Female 0.25 0.5 MA Female 27 TVC Female 0.24 0.5 MA Female 27 TVC Female 0.24100 2.41 0.25 28 MA Female 0.241 26 TVC Male 0.241 27 TVC Female 0.241 28 MA Male 0.241 28 MA Male 0.241 28 MA Male 0.251 28 MA Male 0.261 28 MA Male 0.271 28 MA Male 0.271 28 MA Male 0.271 28 MA Male 0.271 28 MA Male
CONNECTOR CONNECTOR CONNECTOR CONNECTOR CONNECTOR CONNECTOR 27 Tro Female 28 A - 40 UNC-2B 8X 4 - 40 UNC-2B 8X 4 - 40 UNC-2B 33 7/16 Female 32 7/16 Female 33 7/16 Female 34 N Male 35 N Female 36 N Female 36 N Female 37 N Female 37 N Female 38 N F
0.25 0.25 0.25 7/16 Female 0.25 7/16 Female 0.25 7/16 Female 8X 4-40 UNC-2B 32 7/16 Male 8X 4-40 UNC-2B 37 7/16 Female 8X 4-40 UNC-2B 37 7/16 Female 91 TAP X .250 [6.4] 37 7/16 Female 92 SIM Female 37 7/16 Female 93 TAP X .250 [6.4] 37 7/16 Female 94 TAP X .250 [6.4] 37 SIM Female 95 NA Male 37 SIM Female 94 TAP X .250 [6.4] 38 NA Male 95 NA Male 37 SIM Female 96 NA Male 40 7/16 Female 97 NO Female 44 N Female 98 NA Male 44 N Female 98 NA Male 44 N Female 98 NA Male 44 N Female 98 NA Female 44 N Female 98 NA Female 45 N K Female 98 NA Female 46 N Male 98 NA Female 46 N Male 98 NA Female 46 N Male 98 NA Female 48 N K Female 98 NA Female 48 N K
0.25 [6.2] 8X 4-40 UNC-2B 8X 4-40 UNC-40 8X 4-40 UNC-2B 8X 4-40 UNC-2B 8X 4-40 UNC-40 8X 4-40 UNC-40 8
0.25 (6.2) 8X 4-40 UNC-2B 8X 4-40 UNC-2B 8X 4-40 UNC-2B 8X 4-40 UNC-2B 8X 4-40 UNC-2B 7 16 Femals 7 7 5 M Female 7 7 5 M Female 7 7 5 M Female 7 7 16 Femals 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
[6.2] 1 Thous Female SX 4-40 UNC-2B 2 7/16 Female SX 4-40 UNC-2B 3 N Female SX 4-40 UNC-2B 3 N Female SM Female 3 N Female TAP X. 250 [6.4] 4 N Female 2.41 N Female 4 4
3X 4-40 UNC-2B 8X 4-40 UNC-2B 8X 4-40 NG-2B 8X 4-40 NG-2B 3S N Female 3 7 NA Female 3 10 2.41 4 1 N Female 4 1 N Female 4 1 10 4 1 10 4 1 10 4 1 10 4 1 10 4 1 10 4 1 10 4 1 10 4 1 10 4 1 10 4 1 10 10 1 10 10
SX 4-40 UNC-2B SX 4-40 UNC-2B TAP X .250 [6.4] SK Amale DP. BOTH SIDES SK Amale 37 SMA Female SK Amale 40 T/16 Female SK Amale 2.41 4 T/16 Female 2.41 5 SM Amale 2.41 6 N Male 2.41 6 T/16 Female 4 T/16 Female 4 5 SM Amale 4 5 T/16 Female 4 6 N Male 4 6 N Male 4 6 SM Amale 4 7 N Female 4 8 SM Amale 4 9 SM Amale 4
BX 4-40 UNC-2B SX A-40 UNC-2B TAP X .250 [6.4] SK Amale SY 10P. BOTH SIDES SK Amale PY 10P. BOTH SIDES SK Amale SY 10P. BOTH SIDE SK Amale SY 10P. BOTH SIDE SK Amale SY 10P. ST SK AMALE SK Amale SY 10P. ST SK AMALE SK Amale SY 10P. ST SK AMALE SK Amale SK SK AMALE SK Amale SK SK AMALE SK Amale SK SK SK AMALE SK Amale SK
TAP X.250 [6.4] 36 SMA Male 37 SMA Female 38 TNC Ande 38 TNC Female 40 7/16 Female 41 N Female 42 SMA Female 43 7/16 Female 44 7/16 Female 45 7/16 Female 46 N Male 47 N Female 48 SMA Female 50 TNC Male 51 TNC Female 51 TNC Female
DP. BOTH SIDES 37 SMA Female 38 TNC Remale 39 TNC Female 40 7/16 Female 41 N Female 42 SMA Female 43 7/16 Female 44 7/16 Female 45 7/16 Female 46 N Male 47 N Female 48 SMA Amale 49 SMA Female 50 TNC Male 51 TNC Female
Dr. BOIT 3003 38 TNC Male 39 TNC Fenale 40 7116 Fenale 41 N Fenale 43 7116 Fenale 43 7116 Fenale 44 7116 Male 61.2] 2.41 46 N Male 61.2] 46 N Male 46 71.16 Fenale 48 SMA Anale 61.2] 50 TNC Male 51 TNC Fenale
39 INC Female 40 7/16 Female 41 N Female 42 SMA Female 43 7/16 Female 44 7/16 Female 45 7/16 Female 46 N Male 47 N Female 48 SMA Anale 50 TNC Male 51 TNC Female
2.41 2.41 2.41 [61.2] 2.41 [61.2] 2.41 2.41 2.41 [61.2] 2.41 2.41 2.41 2.41 2.41 45 7.16 Femala 46 N Male 48 SMA Amale 50 TNC Male 51 TNC Femala 48 SMA Amale 50 TNC Femala 50 TNC Fema
2.41 42 SMA Female 43 7/16 Male 45 7/16 Female 46 N Male 47 N Female 48 SMA Amale 50 TNC Rate 51 TNC Female 51 TNC Female
2.41 43 TNC Femals 44 7/16 Femals 45 7/16 Femals 46 N Male 47 N Female 48 SMA Alle 50 TNC Male 51 TNC Femals 94 SMA Female
2.41 7/16 Male 45 7/16 Female 46 N Male 47 N Female 48 SMA Male 49 SMA Female 50 TNC Male 51 TNC Female 94 Sima Provide
2.41 2.41 [61.2] 2.41 [61.2] 2.41 [61.2] 2.41 46 N Male 48 SMA Male 49 SMA Female 50 TNC Male 51 TNC Female 51 TNC Female 51 TNC Female
[61.2] 2.41 [61.2] 47 N Female 48 SMA Amile 50 TNC Maile 51 TNC Female 51 TNC Female
48 SMA Male 49 SMA Female 50 TNC Male 51 TNC Female -yy Indicates Attenuation Level
49 SMA Female 50 TNC Mate 51 TNC Female -yy Indicates Attenuation Level
50 TNC Male 51 TNC Female -yy Indicates Attenuation Level
51 TNC Female -yy Indicates Attenuation Level
DWG TITLE 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].
010