

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



TECHNICAL DATA SHEET

PE7329-6

| 6 dB Fixed Attenuator, N Female To SMA Male 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 | | | | | | | | | | | |
| body Matorial and Flading | | | | | | | | | | | | |
| 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 | | | | | | | | | | | |
| Francisco 4 | | | | | | | | | | | | |
| Frequency 1 | DC to C | | | | | | | | | | | |
| 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 | | | | | | | | | | | |
| Altendation Accuracy, ab | | | | | | | | | | | | |
| 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, N Female To SMA Male Directional Rated To 50 Watts Up To 18 GHz PE7329-6

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





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



PE7329-6

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

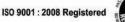
Notes:

Values at 25 °C, sea level **OUTPUT PORT HANDLES 5 WATTS MAX POWER** URL: http://www.pasternack.com/6db-fixed-n-female-sma-male-50-watts-attenuator-pe7329-6-p.aspx

6 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





PE7329-6 CAD Drawing 6 dB Fixed Attenuator, N Female To SMA Male Directional Rated To 50 Watts Up To 18 GHz

| | | | _ | _ | _ | _ | _ | | | | | | | | | | | | | | | | | _ | , | | U | | Ŭ | | _ | | | | | _ | _ | , | | | | | |
|-----------------------|------------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|-------------------|------------|------------|-------------|-------------|----------|----------|------------|----------|------------|--------------|------------|------------|------------|-------------|------------|--------------------------|----------------|---------------|------------|-------------|----------|------------|------------|-------------|------------|------------|------------|------------|------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| uration | Output Connector | 7/16 Male | 7/16 Male | 7/16 Female | 7/16 Female | 7/16 Female | 7/16 Female | N Male | N Male | N Male | N Male | N Female | N Female | N Female | N Female | N Female | N Female | N Female | SMA Male | SMA Male | SMA Male | SMA Female | SMA Female | SMA Female | SMA Female SMA Female | SMA Female | SMA Female | SMA Female | TNC Male | TNC Male | INC Male | TNC Female | TNC Female | TNC Female | TNC Female | TNC Female | TNC Female | TNC Female | vel | | | 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]. | SIZE A 2233 |
| onfig | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Indicates Attenuation Level | | | ARE NOMIN MITHOUT NC | SI |
| Part Num | Input Connector | 7/16 Female | N Female | 7/16 Male | 7/16 Female | N Male | N Female | 7/16 Female | N Female | SMA Female | TNC Female | 7/16 Male | 7/16 Female | N Male | N Female | SMA Female | TNC Male | TNC Female | // To remais | SMA Female | TNC Female | 7/16 Male | 7/16 Female | N Male | SMA Male | SMA Female | TNC Male | TNC Female | 7/16 Female | N Female | TNC Female | 7/16 Male | 7/16 Female | N Male | SMA Male | SMA Female | TNC Male | TNC Female | Indicates At | | | L DIMENSIONS T TO CHANGE V | SCALE N/A |
| | xx | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 57 | 25 | 26 | 27 | 59 79 | 30 | 31 | 32 | 33 | 34 | 5 | 37 | 38 | 39 | 40 | 41 | 42 | 44 | 45 | 46 | 4/ | 49 | 50 | 51 | Ŋ. | | | IFIED AL SUBJEC S [mm]. | |
| formation | DIM "A" (REF.) | 0.68 | 0.54 | | 0.98 | 0.94 | | 0.95 | 0.98 | | 1.12 | 1.16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | OTHERWISE SPEC CIFICATIONS ARE ONS ARE IN INCHE | ILE 102512 |
| Table of Information | Connector Type | SMA Male | SMA Female | | TNC Male | TNC Female | | N Female | N Male | | 7/16 Male | 7/16 Female | | | | | | | | | | | | (| UNC-2B | 6.4] | Ш N | | | | | | | | | | | | | | | NOTES: 1. UNLESS 2. ALL SPE 3. DIMENSI | CAD FILE |
| " v " | | 0 | 0 | | | | | 2 | - [| | - | | | | - | | OLITPLIT | CONNECTOR | | 0.25 | | L | | | 4-40 | TAP_X250 [6.4] | DP. BOTH SIDI | | | | | | | | | | | | - | Ś | | ретт∟е РЕ73хх-уу | FSCM NO. 53919 |
| " _A " 3.22 | | | | | | | | | | | | | | | | | | CONNECTOR | | 0.29 | | TOP VIEW | | | 2.97 | | | | | ₽ | | | | | | | | | | ⊕ □ □ | SIDE VIEW | Pasternack Enterprises, Inc. P.O. Box 16759 Irvine CA 92623 | Phone: (949) 261-1920 Fax: (949) 261-7451 Waheite: www.nasternack.com E.Mail: salas@nasternack.com |