



30 dB Fixed Attenuator, SMA Male To 7/16 DIN
 Female Rated To 25 Watts Up To 7.5 GHz

TECHNICAL DATA SHEET
PE7355-30
30 dB Fixed Attenuator, SMA Male To 7/16 DIN Female Rated To 25 Watts Up To 7.5 GHz
Configuration

| | |
|---------------------------|-----------------------------------|
| Design | Fixed, Bidirectional Attenuator |
| Connector 1 | SMA Male |
| Connector 2 | 7/16 DIN Female |
| Body Material and Plating | Aluminum Heatsink, Black Anodized |

Electrical Specifications

| | |
|----------------------------|-----------|
| Frequency Range, GHz | DC to 7.5 |
| Impedance, Ohms | 50 |
| Attenuation Value, dB | 30 to 30 |
| Maximum Input Power, Watts | 25 |
| Maximum VSWR | 1.45:1 |

Frequency 1

| | |
|----------------------------|---------|
| Range, GHz | DC to 6 |
| Insertion Loss, dB | 30 |
| VSWR | 1.3:1 |
| Attenuation Accuracy, dB | 0.5 |
| Maximum Input Power, Watts | 25 |

Frequency 2

| | |
|--------------------------|----------|
| Range, GHz | 6 to 7.5 |
| VSWR | 1.45:1 |
| Attenuation Accuracy, dB | 0.75 |

Mechanical Specifications
Temperature

| | |
|------------------------|-------------|
| Operating Range, deg C | -55 to +125 |
|------------------------|-------------|

Size

| | |
|-----------------|--------------|
| Length, in [mm] | 4.5 [114.3] |
| Width, in [mm] | 2.41 [61.21] |
| Weight, lbs [g] | 0.8 [362.87] |

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, SMA Male To 7/16 DIN Female Rated To 25 Watts Up To 7.5 GHz PE7355-30](#)

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.



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Connector 1

| | |
|------------------------------------|-----------------------------|
| Type | SMA Male |
| Contact Material and Plating | Beryllium Copper, Gold |
| Contact Plating Specification | Gold |
| Coupling Nut Material and Plating | Stainless Steel, Passivated |
| Coupling Nut Plating Specification | Stainless Steel |
| Hex Size, In. | 11/16 |
| Body Material and Plating | Stainless Steel, Passivated |
| Body Plating Specification | Passivated |

Connector 2

| | |
|---------------------------------------|-----------------|
| Type | 7/16 DIN Female |
| Contact Material and Plating | Brass, Silver |
| Contact Plating Specification | Silver |
| Outer Conductor Material and Plating | Brass, Silver |
| Outer Conductor Plating Specification | Silver |
| Hex Size, In. | 11/16 |
| Body Material and Plating | Brass, Silver |

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/30db-fixed-sma-male-7-16-female-25-watts-attenuator-pe7355-30-p.aspx>

30 dB Fixed Attenuator, SMA Male To 7/16 DIN Female Rated To 25 Watts Up To 7.5 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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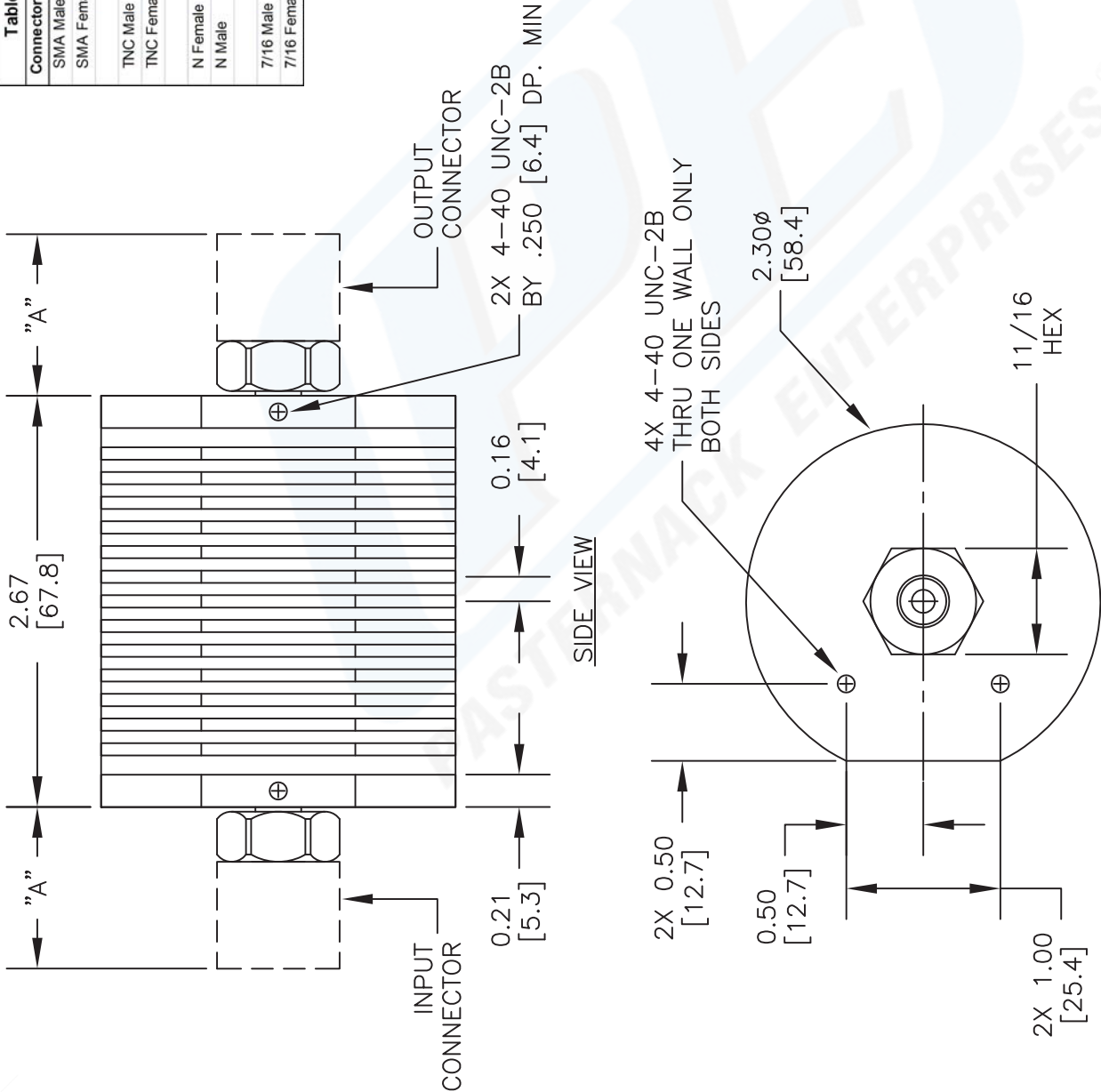


PE7355-30 CAD Drawing

30 dB Fixed Attenuator, SMA Male To 7/16 DIN Female Rated To 25 Watts Up To 7.5 GHz

| xx | Input Connector | Output Connector | Part Number Configuration |
|-----|-----------------|------------------|-----------------------------|
| 55 | SMA Male | 7/16 Female | |
| 56 | SMA Male | N Female | |
| 57 | SMA Male | SMA Female | |
| 58 | SMA Male | TNC Female | |
| 59 | SMA Female | 7/16 Female | |
| 60 | SMA Female | 7/16 Male | |
| 61 | SMA Female | N Female | |
| 62 | SMA Female | N Male | |
| 63 | SMA Female | SMA Female | |
| 64 | SMA Female | TNC Female | |
| 65 | SMA Female | TNC Male | |
| 66 | N Male | 7/16 Female | |
| 67 | N Male | N Female | |
| 68 | N Male | TNC Female | |
| 69 | N Female | 7/16 Female | |
| 70 | N Female | 7/16 Male | |
| 71 | N Female | N Female | |
| 72 | N Female | TNC Female | |
| 73 | N Female | TNC Male | |
| 74 | TNC Male | TNC Female | |
| 75 | TNC Male | SMA Male | |
| 76 | TNC Female | 7/16 Female | |
| 77 | TNC Female | 7/16 Male | |
| 78 | TNC Female | TNC Female | |
| 79 | 7/16 Male | 7/16 Female | |
| 80 | 7/16 Female | 7/16 Female | |
| -yy | | | Indicates Attenuation Level |

| Connector Type | DIM "A" (REF.) |
|----------------|----------------|
| SMA Male | 0.68 |
| SMA Female | 0.54 |
| TNC Male | 0.98 |
| TNC Female | 0.94 |
| N Female | 0.95 |
| N Male | 0.98 |
| 7/16 Male | 1.12 |
| 7/16 Female | 1.16 |



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].

DWG TITLE
PE73xx-yy

PE PASTERNAK
 Pasternack Enterprises, Inc.
 P.O. Box 16759 | Irvine | CA | 92623
 Phone: (949) 261-1920 | Fax: (949) 261-7451
 Website: www.pasternack.com | E-Mail: sales@pasternack.com

FSCM NO. 53919

CAD FILE 102512

SCALE N/A

SIZE A

2233