



50 dB Fixed Attenuator, N Female To N Female
Rated To 25 Watts Up To 8 GHz

TECHNICAL DATA SHEET

PE7371-50

50 dB Fixed Attenuator, N Female To N Female Rated To 25 Watts Up To 8 GHz

Configuration

| | |
|---------------------------|-----------------------------------|
| Design | Fixed, Bidirectional Attenuator |
| Connector 1 | N Female |
| Connector 2 | N Female |
| Body Material and Plating | Aluminum Heatsink, Black Anodized |

Electrical Specifications

| | |
|----------------------------|----------|
| Frequency Range, GHz | DC to 8 |
| Impedance, Ohms | 50 |
| Attenuation Value, dB | 50 to 50 |
| Maximum Input Power, Watts | 25 |
| Maximum VSWR | 1.6:1 |

Frequency 1

| | |
|----------------------------|---------|
| Range, GHz | DC to 6 |
| Insertion Loss, dB | 50 |
| VSWR | 1.25:1 |
| Attenuation Accuracy, dB | 0.5 |
| Maximum Input Power, Watts | 25 |

Frequency 2

| | |
|------------|--------|
| Range, GHz | 6 to 8 |
| VSWR | 1.45:1 |

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] |

Connector 1

| | |
|-------------------------------|-----------------------------|
| Type | N Female |
| Contact Material and Plating | Brass, Gold |
| Contact Plating Specification | Silver |
| Hex Size, In. | 11/16 |
| Body Material and Plating | Stainless Steel, Passivated |
| Body Plating Specification | Passivated |

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, N Female To N Female Rated To 25 Watts Up To 8 GHz PE7371-50](#)

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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Connector 2

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

URL: <http://www.pasternack.com/50db-fixed-n-female-n-female-25-watts-attenuator-pe7371-50-p.aspx>

50 dB Fixed Attenuator, N Female To N Female Rated To 25 Watts Up To 8 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.

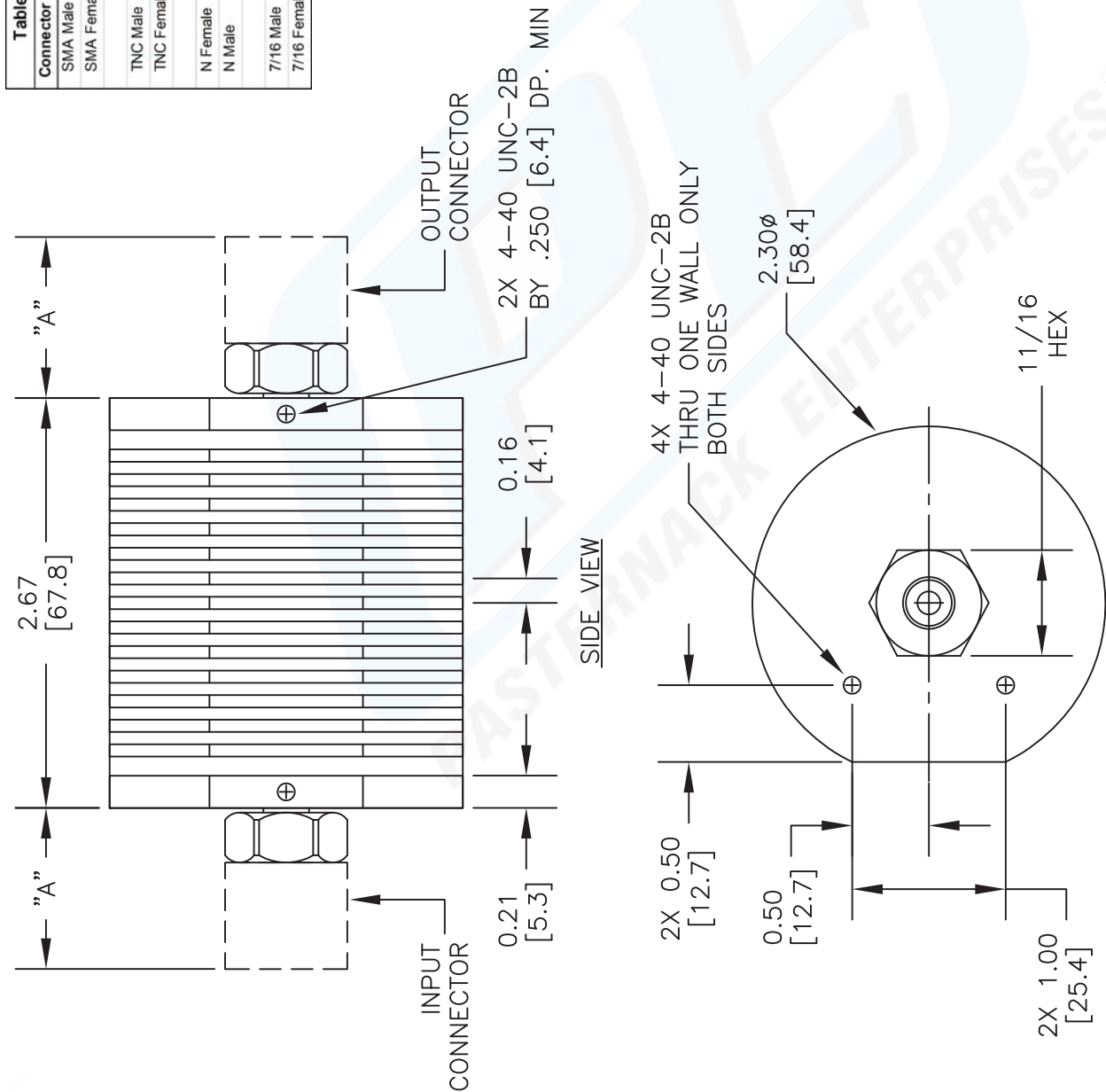
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PE7371-50 CAD Drawing

50 dB Fixed Attenuator, N Female To N Female Rated To 25 Watts Up To 8 GHz

| Table of Information | | |
|----------------------|----------------|--|
| 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 | |

| Part Number Configuration | | |
|---------------------------|-----------------------------|------------------|
| xx | Input Connector | Output Connector |
| 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 Male |
| 60 | SMA Female | 7/16 Female |
| 61 | SMA Female | N Male |
| 62 | SMA Female | N Female |
| 63 | SMA Female | SMA Male |
| 64 | SMA Female | TNC Male |
| 65 | SMA Female | TNC Female |
| 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 | |



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

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FSCM NO. 53919

CAD FILE 102512

SCALE N/A

SIZE A

2233