



20 dB Fixed Attenuator, N Female To 7/16 DIN
Female Rated To 25 Watts Up To 7.5 GHz

TECHNICAL DATA SHEET

PE7370-20

20 dB Fixed Attenuator, N Female To 7/16 DIN Female Rated To 25 Watts Up To 7.5 GHz

Configuration

| | |
|---------------------------|-----------------------------------|
| Design | Fixed, Bidirectional Attenuator |
| Connector 1 | N Female |
| 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 | 20 to 20 |
| Maximum Input Power, Watts | 25 |
| Maximum VSWR | 1.45:1 |

Frequency 1

| | |
|----------------------------|---------|
| Range, GHz | DC to 6 |
| Insertion Loss, dB | 20 |
| 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] |

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: [20 dB Fixed Attenuator, N Female To 7/16 DIN Female Rated To 25 Watts Up To 7.5 GHz PE7370-20](#)

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 | 7/16 DIN Female |
| Contact Material and Plating | Brass, Silver |
| Outer Conductor Material and Plating | Brass, 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/20db-fixed-n-female-7-16-female-25-watts-attenuator-pe7370-20-p.aspx>

20 dB Fixed Attenuator, N Female 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.

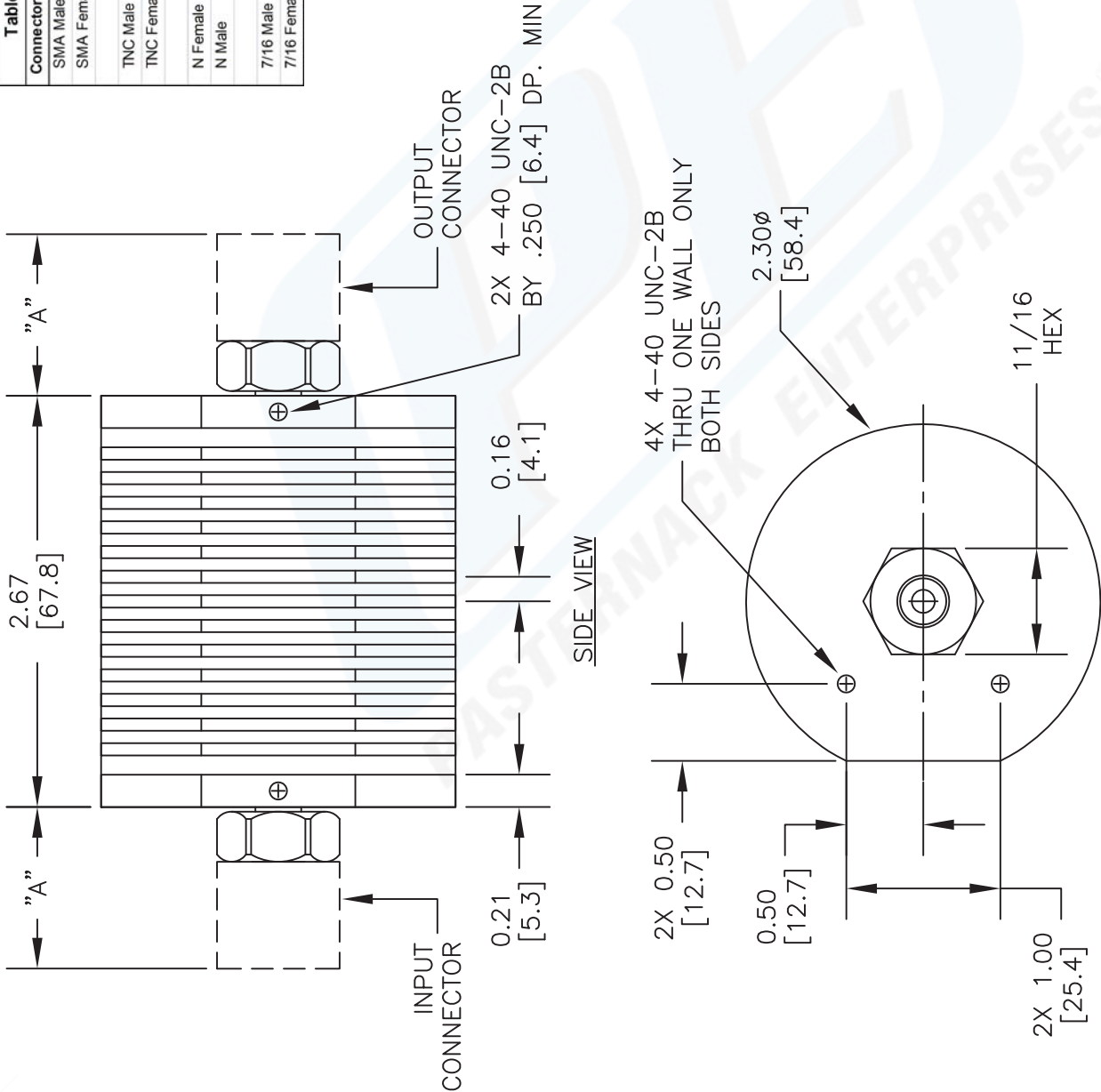
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PE7370-20 CAD Drawing

20 dB Fixed Attenuator, N Female 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 |



DWG TITLE

PE73xx-yy

PE PASTERNAK

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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].

FSCM NO. 53919

CAD FILE 102512

SCALE N/A

SIZE A

2233