



30 dB Fixed Attenuator, TNC Male To TNC Female  
Directional Aluminum Heatsink Black Anodized  
Body Rated To 100 Watts Up To 1.5 GHz

TECHNICAL DATA SHEET

PE7056-30

**30 dB Fixed Attenuator, TNC Male To TNC Female Directional Aluminum Heatsink Black Anodized Body  
Rated To 100 Watts Up To 1.5 GHz**

**Configuration**

|                           |                                   |
|---------------------------|-----------------------------------|
| Design                    | Fixed, Directional Attenuator     |
| Connector 1               | TNC Male                          |
| Connector 2               | TNC Female                        |
| Body Material and Plating | Aluminum Heatsink, Black Anodized |

**Electrical Specifications**

|                            |           |
|----------------------------|-----------|
| Frequency Range, GHz       | DC to 1.5 |
| Impedance, Ohms            | 50        |
| Attenuation Value, dB      | 30        |
| Maximum Input Power, Watts | 100       |
| Maximum VSWR               | 1.15:1    |

**Frequency 1**

|                          |           |
|--------------------------|-----------|
| Range, GHz               | DC to 1.5 |
| Attenuation Accuracy, dB | ± 0.75    |

**Mechanical Specifications**

**Temperature**

|                        |             |
|------------------------|-------------|
| Operating Range, deg C | -65 to +125 |
|------------------------|-------------|

**Size**

|                 |                |
|-----------------|----------------|
| Length, in [mm] | 6.525 [165.74] |
| Width, in [mm]  | 3.46 [87.88]   |
| Height, in [mm] | 3.46 [87.88]   |
| Weight, lbs [g] | 1.09 [494.42]  |

**Connector 1**

|      |          |
|------|----------|
| Type | TNC Male |
|------|----------|

**Connector 2**

|      |            |
|------|------------|
| Type | TNC Female |
|------|------------|

**Compliance Certifications** (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

|                |     |
|----------------|-----|
| RoHS Compliant | Yes |
|----------------|-----|

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, TNC Male To TNC Female Directional Aluminum Heatsink Black Anodized Body Rated To 100 Watts Up To 1.5 GHz PE7056-30](#)

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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### Plotted and Other Data

Notes:

Values at 25 °C, sea level

30 dB Fixed Attenuator, TNC Male To TNC Female Directional Aluminum Heatsink Black Anodized Body Rated To 100 Watts Up To 1.5 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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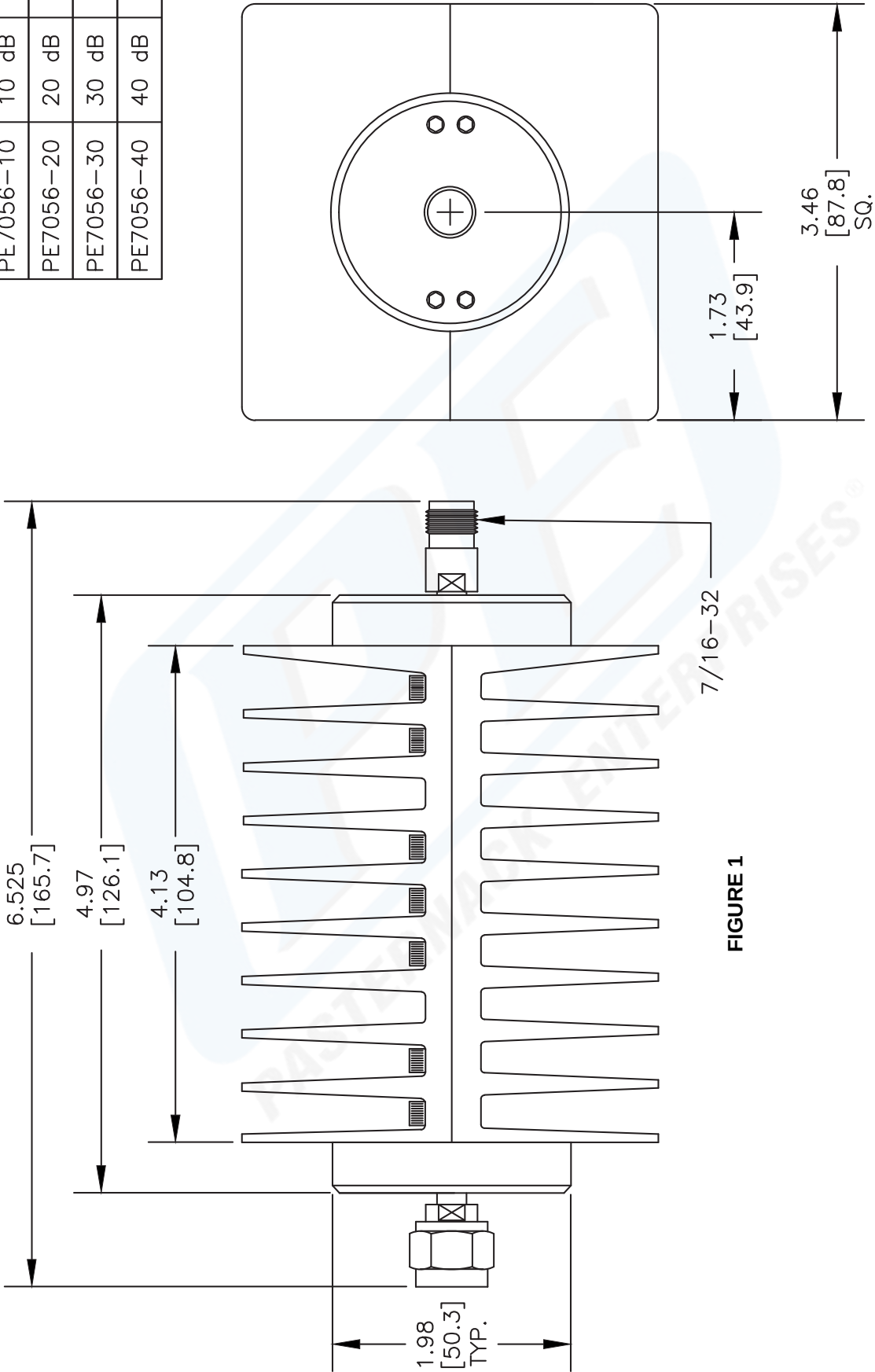
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PE7056-30 CAD Drawing

30 dB Fixed Attenuator, TNC Male To TNC Female Directional Aluminum  
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| P/N       | ATTEN. | FIGURE |
|-----------|--------|--------|
| PE7056-6  | 6 dB   | 1      |
| PE7056-10 | 10 dB  | 1      |
| PE7056-20 | 20 dB  | 1      |
| PE7056-30 | 30 dB  | 1      |
| PE7056-40 | 40 dB  | 1      |



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 | FSCM NO. 53919 | CAD FILE | 080702 | SCALE | N/A | SIZE | A | XXXX |
| PE7056    |                |          |        |       |     |      |   |      |

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