



6 dB Fixed Attenuator, N Male To N Female Black Anodized
Aluminum Heatsink Body Rated To 500 Watts Up To 2.4 GHz

TECHNICAL DATA SHEET

PE7085-6

6 dB Fixed Attenuator, N Male To N Female Black Anodized Aluminum Heatsink Body Rated To 500 Watts Up To 2.4 GHz

Configuration

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

Electrical Specifications

Frequency Range, GHz	DC to 2.4
Impedance, Ohms	50
Attenuation Value, dB	6
Maximum Input Power, Watts	500
Maximum VSWR	1.35:1

Frequency 1

Range, MHz	DC to 1,000
VSWR	1.25:1
Attenuation Accuracy, dB	± 0.3

Frequency 2

Range, GHz	1 to 2.4
VSWR	1.35:1
Attenuation Accuracy, dB	± 0.75

Mechanical Specifications

Size

Length, in [mm]	17 [431.8]
Width, in [mm]	6.75 [171.45]
Height, in [mm]	6 [152.4]
Weight, lbs [Kg]	16 [7.26]

Connector 1

Type	N Male
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Connector 2

Type	N Female
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Compliance Certifications (visit www.Pasternack.com for current document)

RoHS Compliant	Yes
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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 Male To N Female Black Anodized Aluminum Heatsink Body Rated To 500 Watts Up To 2.4 GHz PE7085-6](#)

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.



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Plotted and Other Data

Notes:

Values at 25 °C, sea level

6 dB Fixed Attenuator, N Male To N Female Black Anodized Aluminum Heatsink Body Rated To 500 Watts Up To 2.4 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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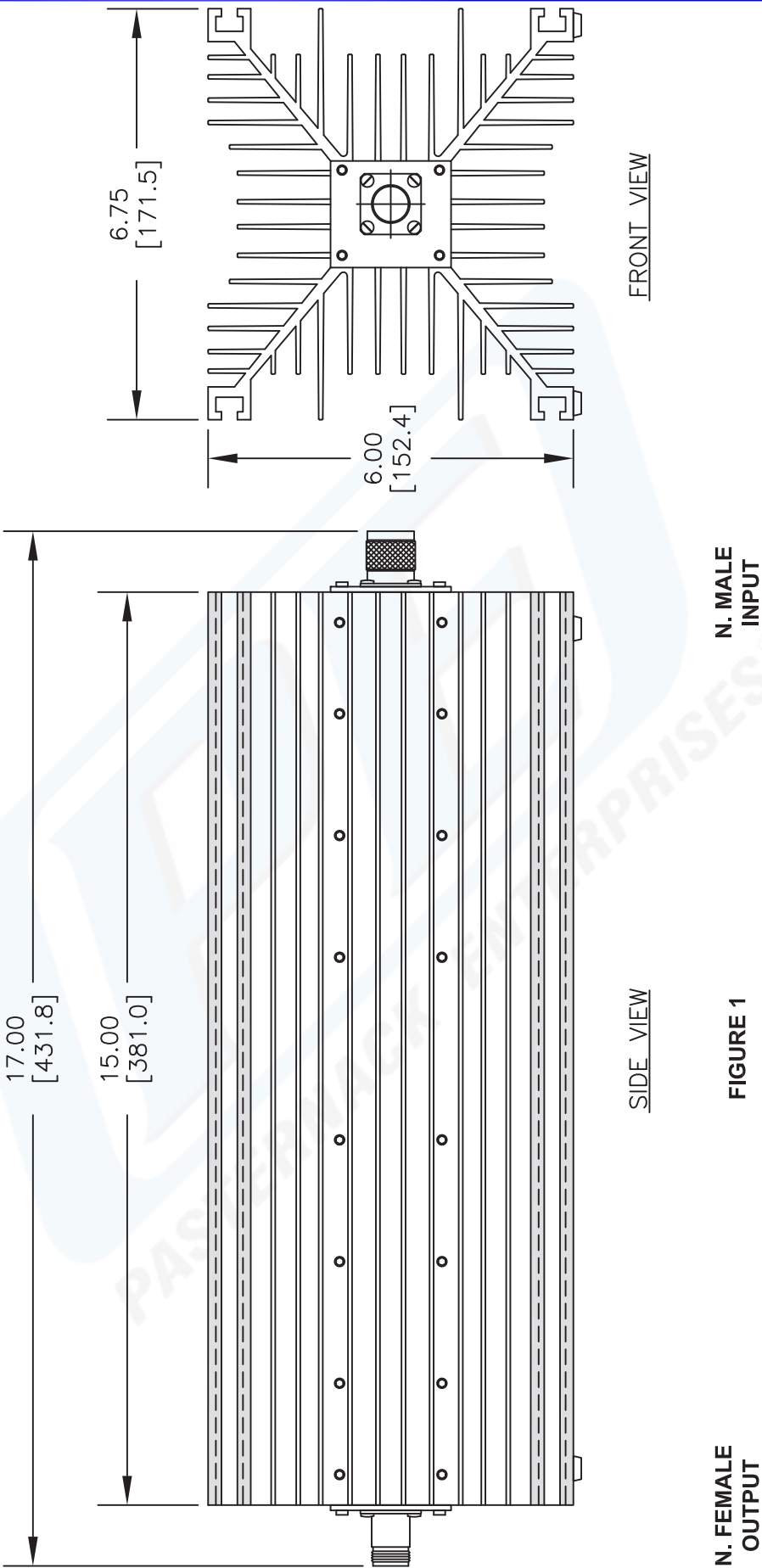
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PE7085-6 CAD Drawing

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P/N	ATTEN.	FIGURE
PE7085-2	2 dB	1
PE7085-3	3 dB	1
PE7085-6	6 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
PE7085

FSCM NO. 53919

2233

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