



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

RF Fixed Attenuators Technical Data Sheet

PE7085-30

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		2.4	GHz
Impedance		50		Ohms
Nominal Attenuation		30		dB
VSWR			1.35:1	
Passive Intermodulation				
Input Power, CW			500	Watts
Input Power, Peak			2	KWatts

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Range	DC to 1	1 to 2.4				GHz
VSWR	1.25:1	1.35:1				
Attenuation Accuracy, Typ	±0.3	±0.75				dB

Mechanical Specifications

Size

Length	17 in [431.8 mm]
Width/Diameter	6.75 in [171.45 mm]
Height	6 in [152.4 mm]
Weight	16 lbs [7.26 Kg]
Body Material and Plating	Black Anodized Aluminum Heatsink

Configuration

Design	Fixed, Bidirectional
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Connectors

Description	Connector 1	Connector 2
Type	N Male	N Female

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, N Male To N Female Black Anodized Aluminum Heatsink Body Rated To 500 Watts Up To 2.4 GHz PE7085-30](#)



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Environmental Specifications

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

RoHS Compliant

REACH Compliant

12/17/2014

Plotted and Other Data

Notes:

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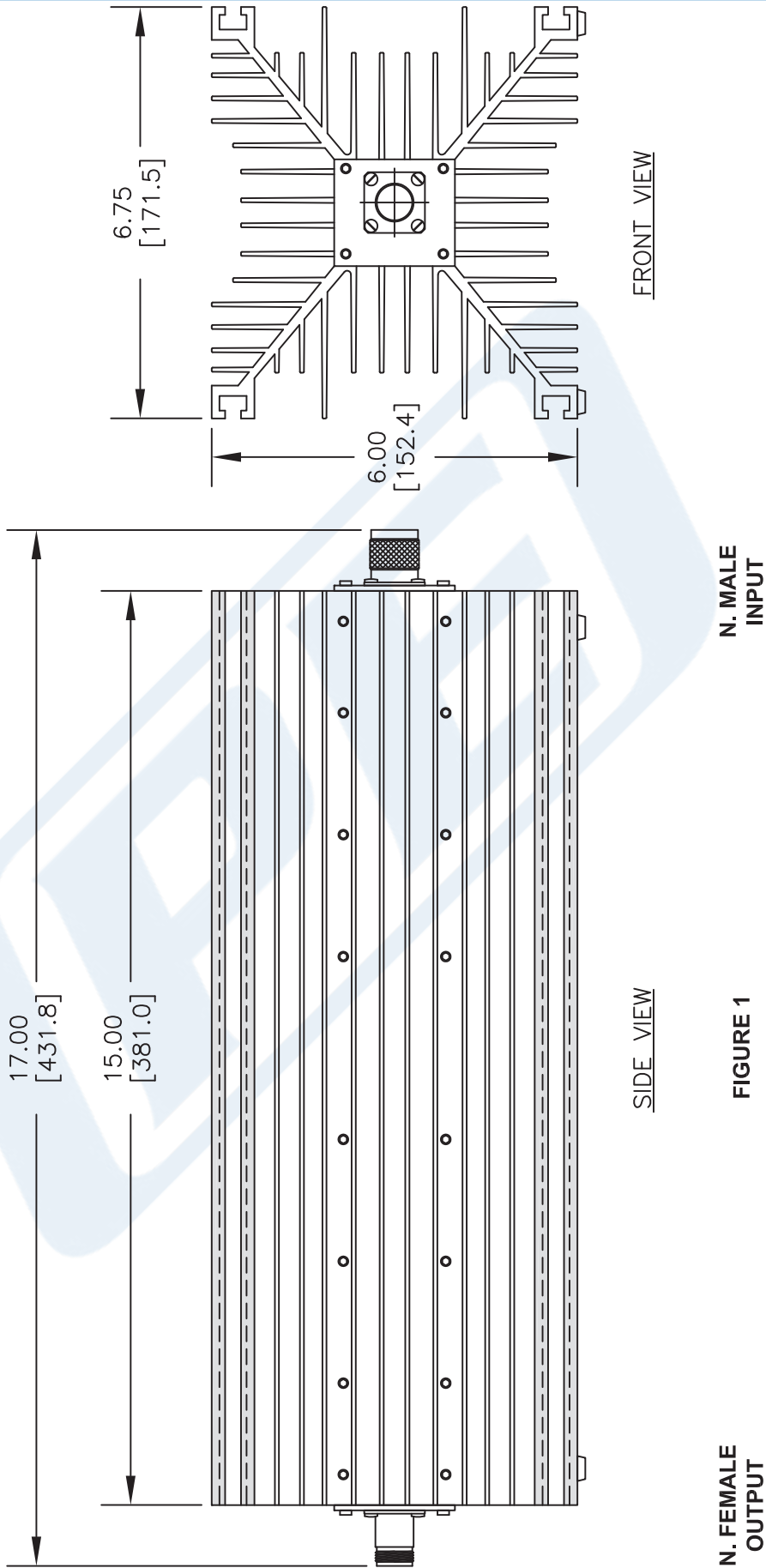
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URL: <http://www.pasternack.com/30db-fixed-n-male-n-female-500-watts-attenuator-pe7085-30-p.aspx>

PE7085-30 CAD Drawing

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

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

CAD FILE 100915

SCALE N/A

SIZE A 150

PE PASTERNAK
 THE ENGINEER'S RF SOURCE

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