



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

TECHNICAL DATA SHEET

PE7022-20

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

**Configuration**

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

**Electrical Specifications**

Frequency Range, GHz	DC to 1.5
Impedance, Ohms	50
Attenuation Value, dB	20
Maximum Input Power, Watts	100
Maximum VSWR	1.25:1

**Frequency 1**

Range, GHz	DC to 1.5
VSWR	1.25:1
Attenuation Accuracy, dB	± 0.75

**Mechanical Specifications**

**Size**

Length, in [mm]	5.655 [143.64]
Width, in [mm]	3.465 [88.01]
Height, in [mm]	3.465 [88.01]

**Connector 1**

Type	SMA Male
Connector Specification	MIL-STD-348
Hex Size, in.	5/16

**Connector 2**

Type	SMA Female
Connector Specification	MIL-STD-348

**Compliance Certifications** (visit [www.Pasternack.com](http://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: [20 dB Fixed Attenuator, SMA Male To SMA Female Directional Aluminum Heatsink Black Anodized Body Rated To 100 Watts Up To 1.5 GHz PE7022-20](#)

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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**Plotted and Other Data**

Notes:

Values at 25 °C, sea level

20 dB Fixed Attenuator, SMA Male To SMA 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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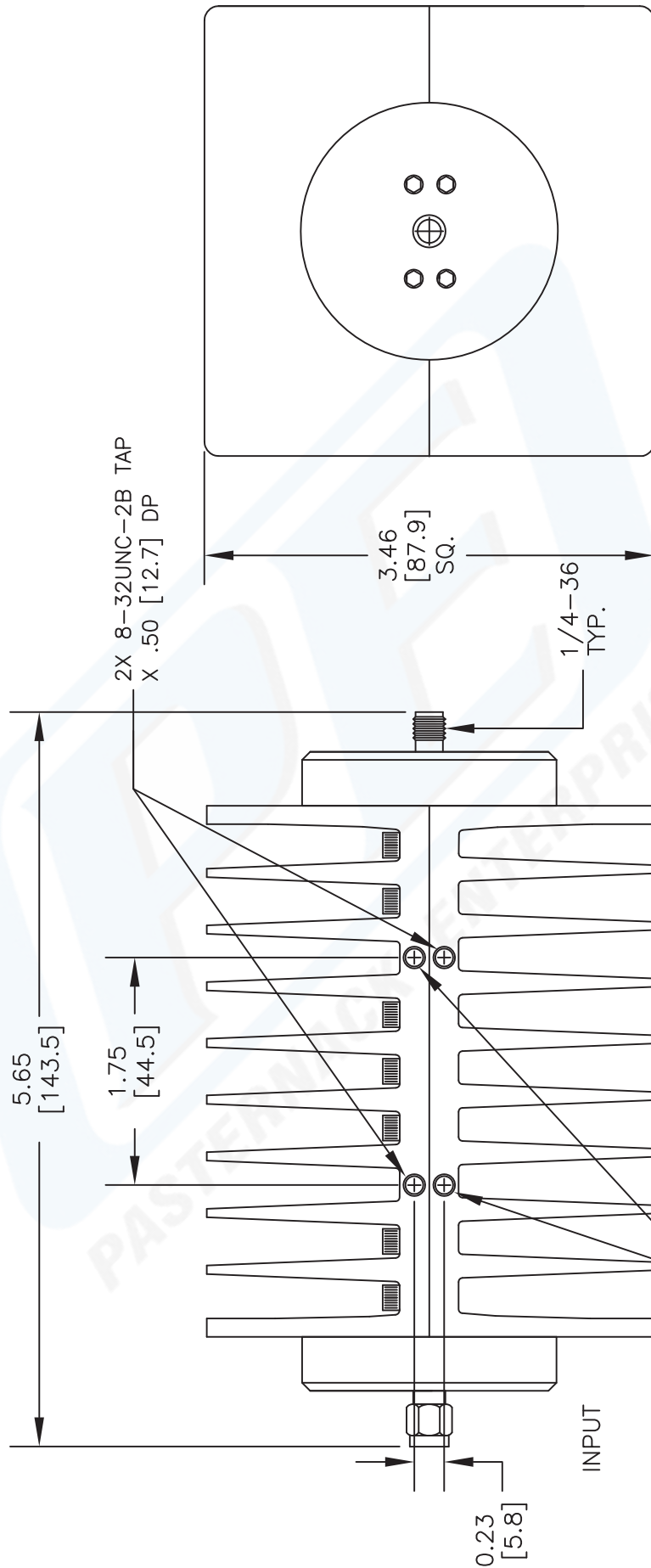
URL: <http://www.pasternack.com/20db-fixed-sma-female-sma-male-100-watts-attenuator-pe7022-20-p.aspx>

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# PE7022-20 CAD Drawing

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P/N	ATTEN.	FIGURE
PE7022-6	6 dB	1
PE7022-10	10 dB	1
PE7022-20	20 dB	1
PE7022-30	30 dB	1
PE7022-40	40 dB	1



SMA MALE

SMA FEMALE

FIGURE 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

**PE7022**

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FSCM NO. 53919

CAD FILE 022513

SCALE N/A

SIZE A

2231