



20 dB Fixed Attenuator, SMA Male To SMA Female Aluminum Heatsink Black Anodized Body Rated To 5 Watts Up To 3 GHz

TECHNICAL DATA SHEET

PE7391-20

20 dB Fixed Attenuator, SMA Male To SMA Female Aluminum Heatsink Black Anodized Body Rated To 5 Watts Up To 3 GHz

Configuration

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

Electrical Specifications

| | |
|----------------------------|---------|
| Frequency Range, GHz | DC to 3 |
| Impedance, Ohms | 50 |
| Attenuation Value, dB | 20 |
| Maximum Input Power, Watts | 5 |
| Maximum VSWR | 1.2:1 |

Frequency 1

| | |
|--------------------------|---------|
| Range, GHz | DC to 3 |
| VSWR | 1.2:1 |
| Attenuation Accuracy, dB | ± 0.5 |

Mechanical Specifications

Temperature

| | |
|------------------------|-------------|
| Operating Range, deg C | -55 to +125 |
|------------------------|-------------|

Size

| | |
|-----------------|---------------|
| Length, in [mm] | 2.756 [70] |
| Width, in [mm] | 0.7 [17.78] |
| Weight, lbs [g] | 0.143 [64.86] |

Connector 1

| | |
|-----------------------------------|---------------|
| Type | SMA Male |
| Contact Material and Plating | Brass, Gold |
| Coupling Nut Material and Plating | Brass, Nickel |
| Hex Size, Inch | 5/16 |
| Torque, in-lbs [Nm] | 5 [0.57] |
| Body Material and Plating | Brass, Nickel |

Connector 2

| | |
|------------------------------|------------------------|
| Type | SMA Female |
| Contact Material and Plating | Beryllium Copper, Gold |
| Body Material and Plating | Brass, Nickel |

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 Aluminum Heatsink Black Anodized Body Rated To 5 Watts Up To 3 GHz PE7391-20](#)

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

RoHS Compliant

Yes

Plotted and Other Data

Notes:

Values at 25 °C, sea level

20 dB Fixed Attenuator, SMA Male To SMA Female Aluminum Heatsink Black Anodized Body Rated To 5 Watts Up To 3 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.

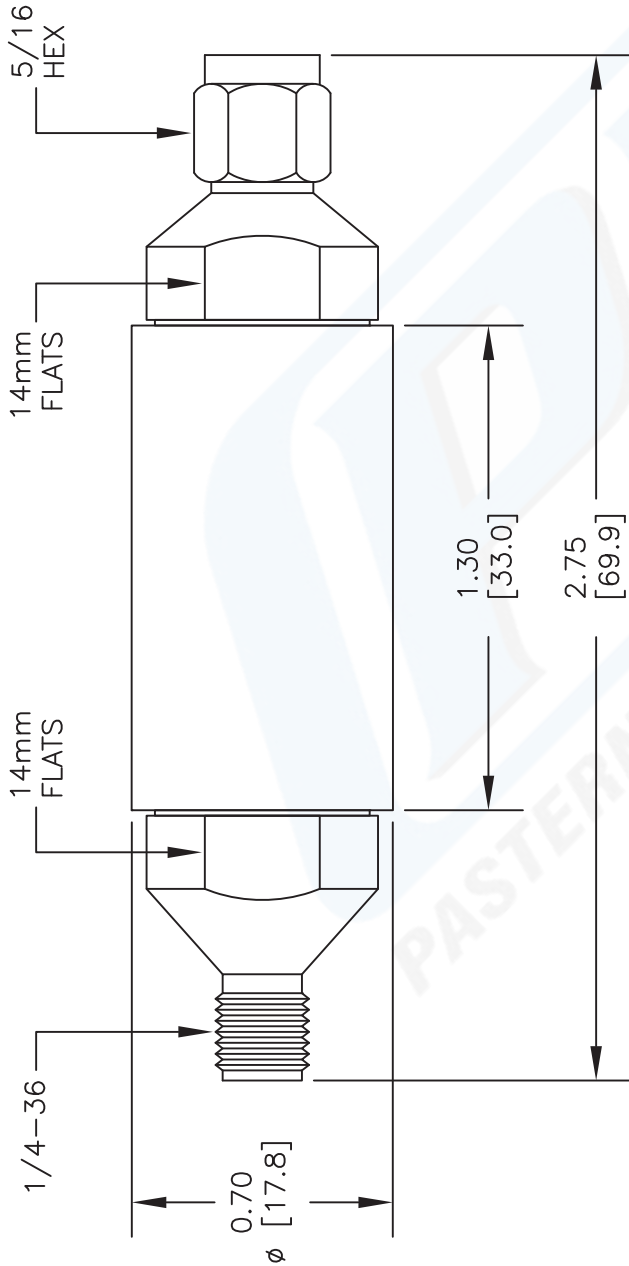
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PE7391-20 CAD Drawing

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SMA FEMALE

FIGURE 1

SMA MALE

| P/N | ATTEN. | FIGURE |
|-----------|--------|--------|
| PE7391-1 | 1 dB | 1 |
| PE7391-2 | 2 dB | 1 |
| PE7391-3 | 3 dB | 1 |
| PE7391-6 | 6 dB | 1 |
| PE7391-10 | 10 dB | 1 |
| PE7391-15 | 15 dB | 1 |
| PE7391-20 | 20 dB | 1 |
| PE7391-30 | 30 dB | 1 |

DWG TITLE

PE7391

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].

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FSCM NO. 53919

CAD FILE 042913

SCALE N/A

SIZE A

2231