



15 dB Fixed Attenuator, SMA Male To SMA  
Female Rated To 2 Watts Up To 18 GHz

TECHNICAL DATA SHEET

PE7092-15

**15 dB Fixed Attenuator, SMA Male To SMA Female Rated To 2 Watts Up To 18 GHz**

**Configuration**

Design	Fixed, Bidirectional Attenuator
Connector 1	SMA Male
Connector 2	SMA Female

**Electrical Specifications**

Frequency Range, GHz	DC to 18
Impedance, Ohms	50
Attenuation Value, dB	15
Maximum Input Power, Watts	2
Maximum VSWR	1.35:1
Attenuation Accuracy, dB	± 0.5

**Mechanical Specifications**

**Temperature**

Operating Range, deg C	-20 to +85
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**Size**

Length, in [mm]	0.99 [25.15]
Width, in [mm]	0.312 [7.92]

**Connector 1**

Type	SMA Male
Connector Specification	MIL-STD-348
Contact Material and Plating	Beryllium Copper, Gold
Coupling Nut Material and Plating	Passivated Stainless Steel
Hex Size, Inch	5/16
Torque, in-lbs [Nm]	8 [0.9]
Body Material and Plating	Passivated Stainless Steel

**Connector 2**

Type	SMA Female
Connector Specification	MIL-STD-348
Contact Material and Plating	Beryllium Copper, Gold
Outer Conductor Material and Plating	Passivated Stainless Steel
Body Material and Plating	Passivated Stainless Steel

**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: [15 dB Fixed Attenuator, SMA Male To SMA Female Rated To 2 Watts Up To 18 GHz PE7092-15](#)

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

15 dB Fixed Attenuator, SMA Male To SMA Female Rated To 2 Watts Up To 18 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.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [15 dB Fixed Attenuator, SMA Male To SMA Female Rated To 2 Watts Up To 18 GHz PE7092-15](http://www.pasternack.com/15db-fixed-sma-male-sma-female-2-watts-attenuator-pe7092-15-p.aspx)

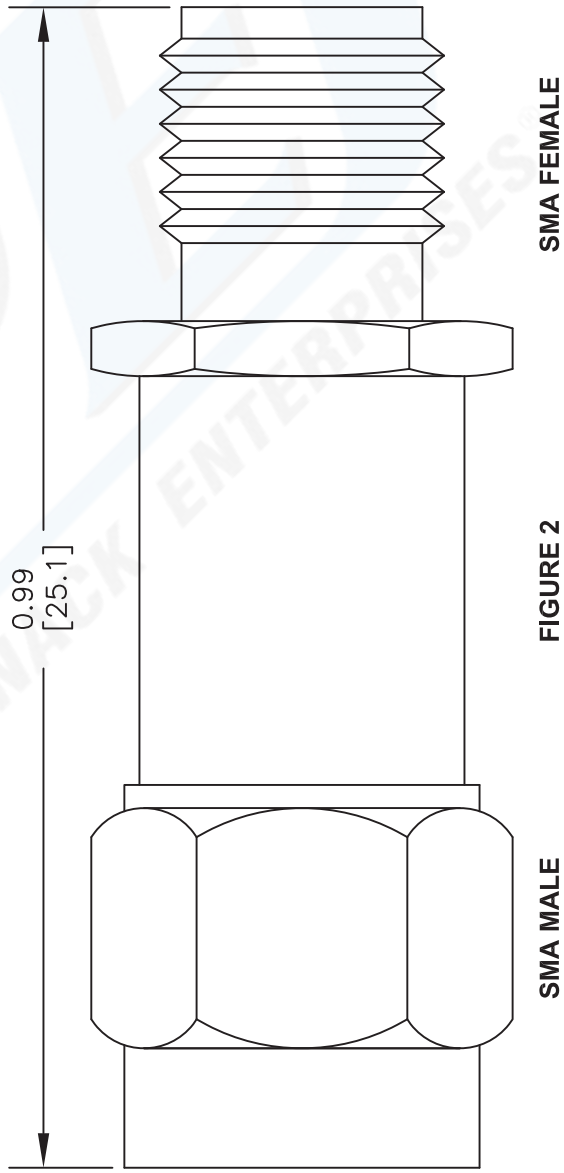
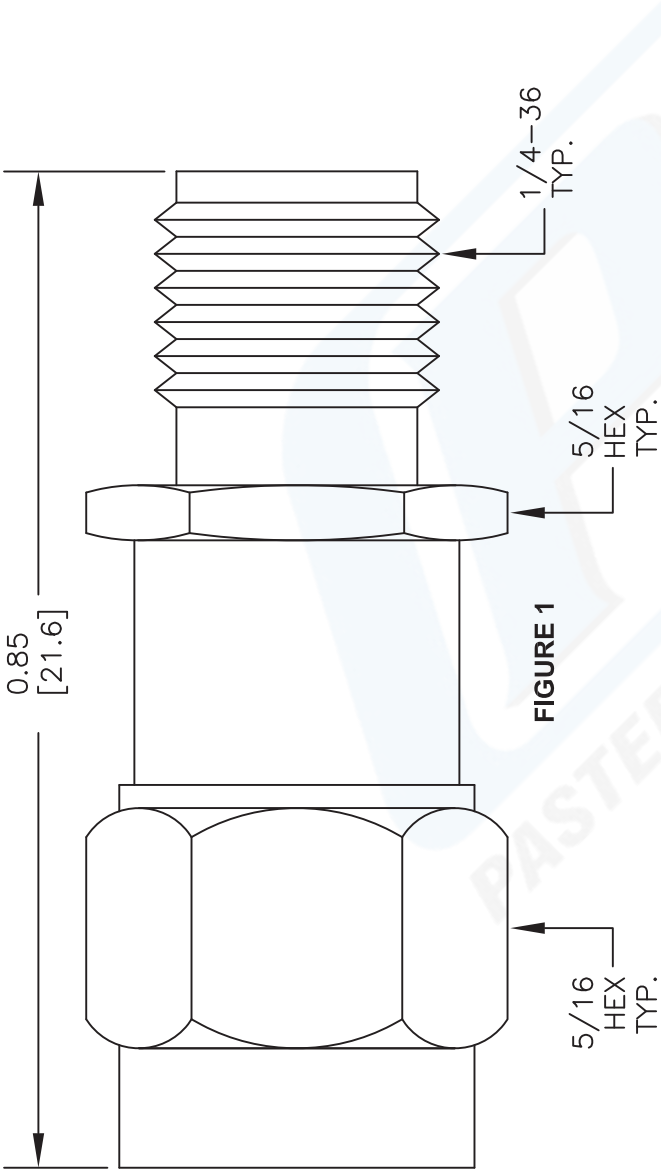
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# PE7092-15 CAD Drawing

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P/N	ATTEN.	FIGURE
PE7092-1	1 dB	1
PE7092-2	2 dB	1
PE7092-3	3 dB	1
PE7092-4	4 dB	1
PE7092-5	5 dB	1
PE7092-6	6 dB	1
PE7092-7	7 dB	1
PE7092-8	8 dB	1
PE7092-9	9 dB	1
PE7092-10	10 dB	1
PE7092-12	12 dB	1
PE7092-15	15 dB	2
PE7092-20	20 dB	2
PE7092-30	30 dB	2
PE7092-40	40 dB	2



SMA MALE

FIGURE 2

SMA FEMALE

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  
**PE7092**

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