



1 dB Fixed Attenuator, 7mm Sexless To 7mm Sexless Passivated
Stainless Steel Body Rated To 2 Watts Up To 18 GHz

TECHNICAL DATA SHEET

PE7023-1

1 dB Fixed Attenuator, 7mm Sexless To 7mm Sexless Passivated Stainless Steel Body Rated To 2 Watts Up To 18 GHz

Configuration

Design	Fixed, Bidirectional Attenuator
Connector 1	7mm Sexless
Connector 2	7mm Sexless
Body Material and Plating	Passivated Stainless Steel

Electrical Specifications

Frequency Range, GHz	DC to 18
Impedance, Ohms	50
Attenuation Value, dB	1
Maximum Input Power, Watts	2
Maximum VSWR	1.25:1

Frequency 1

Range, GHz	DC to 18
Attenuation Accuracy, dB	± 0.4

Mechanical Specifications

Size

Length, in [mm]	2.13 [54.1]
Width, in [mm]	0.87 [22.1]

Connector 1

Type	7mm Sexless
Connector Specification	IEEE-STD-287

Connector 2

Type	7mm Sexless
Connector Specification	IEEE-STD-287

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: [1 dB Fixed Attenuator, 7mm Sexless To 7mm Sexless Passivated Stainless Steel Body Rated To 2 Watts Up To 18 GHz PE7023-1](#)

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

1 dB Fixed Attenuator, 7mm Sexless To 7mm Sexless Passivated Stainless Steel Body 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: [1 dB Fixed Attenuator, 7mm Sexless To 7mm Sexless Passivated Stainless Steel Body Rated To 2 Watts Up To 18 GHz PE7023-1](http://www.pasternack.com/1db-fixed-7mm-female-7mm-male-2-watts-attenuator-pe7023-1-p.aspx)

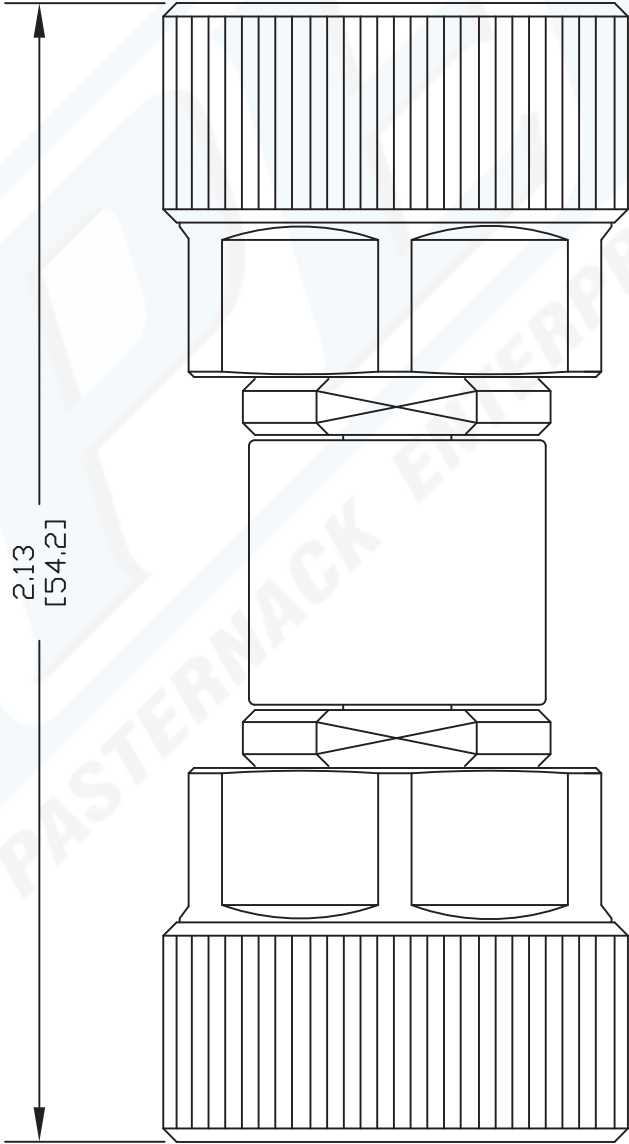
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PE7023-1 CAD Drawing

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P/N	ATTEN.	FIGURE
PE7023-1	1 dB	1
PE7023-2	2 dB	1
PE7023-3	3 dB	1
PE7023-6	6 dB	1
PE7023-10	10 dB	1
PE7023-20	20 dB	1
PE7023-30	30 dB	1



7mm MALE

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
PE7023

FSCM NO. 53919

2231

SIZE A

SCALE N/A

CAD FILE 022513

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