PASTERNACK®
www.pasternack.com

30 dB Fixed Attenuator, 2.4mm Male To 2.4mm Female Stainless Steel Body Rated To 1 Watt Up To 50 GHz



PE7089-30

50 GHz 2.4mm Attenuator

The Pasternack PE7089 attenuator series are designed with stainless steel 2.4mm connectors for excellent performance to 50 GHz and 1 Watt. This high frequency attenuator family has a stainless steel round body construction with 9/32 flats for improved anti-torque installation and removal in a system. The high performance 50 GHz attenuator values are 3 dB, 6 dB, 10 dB, 15 dB, 20 dB and 30 dB for millimeter wave attenuator applications.

Configuration

Connector 1	2.4mm Male
Connector 2	2.4mm Female
Frequency Range (GHz)	DC to 50
Body Material and Plating	Stainless Steel, Passivated
Design	Fixed

Electrical Specifications

Frequency Range (GHz)	DC to 50
Impedance (Ohms)	50
Power, Max Input (Watt)	1
Standard Attenuation Values (dB)	30
VSWR Max Input	1.75:1

Frequency 1

Range (GHz)	DC to 26.5
Attenuation Accuracy (GHz)	0.75
VSWR	1.35:1

Frequency 2

Range (GHz)	26.5 to 40
Attenuation Accuracy (±dB)	1.25
VSWR	1.6:1

Frequency 3

Range (GHz)	40 to 50
Attenuation Accuracy (±dB)	2
VSWR	1.75:1

Click the following link for the additional product information:
30 dB Fixed Attenuator, 2.4mm Male To 2.4mm Female Stainless Steel Body Rated To 1 Watt Up To 50 GHz PE7089-30

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Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
Phone: (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
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Mechanical Specifications

Temperature Operating Range (deg C)	-55 to +100
Body Material and Plating	Stainless Steel, Passivated

Connector 1

Type	2.4mm
Gender	Male
Body Material and Plating	Stainless Steel, Passivated
Inner Conductor Material and Plating	BeCu, Gold
Outer Conductor Material and Plating	Stainless Steel, Passivated
Coupling Nut Material and Plating	Stainless Steel, Passivated

Connector 2

Type	2.4mm
Gender	Female
Body Material and Plating	Stainless Steel, Passivated
Inner Conductor Material and Plating	BeCu, Gold
Outer Conductor Material and Plating	Stainless Steel, Passivated
Coupling Nut Material and Plating	Stainless Steel, Passivated

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

RoHS Compliant	Yes, by exemption

Other Data

URL: http://www.pasternack.com/30db-fixed-2.4mm-male-2.4mm-female-1-watt-attenuator-pe7089-30-p.aspx

30 dB Fixed Attenuator, 2.4mm Male To 2.4mm Female Stainless Steel Body Rated To 1 Watt Up To 50 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.

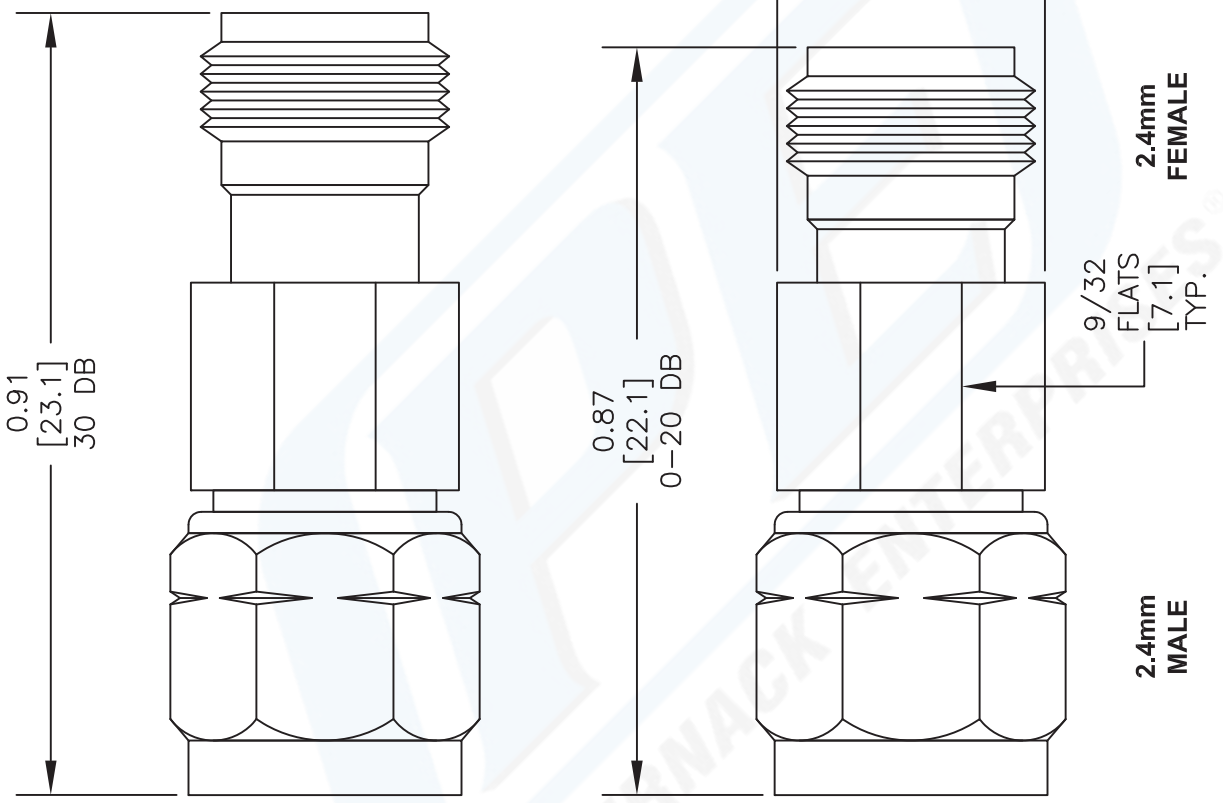
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PE7089-30 CAD Drawing

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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 **PE7089**

REV. -	FSCM NO. 53919	CAD FILE 061512	SCALE N/A	SIZE A	2233

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