

15 dB Fixed Attenuator, 2.92mm Male To 2.92mm Female Stainless Steel Body Rated To 1 Watt Up To 40 GHz



PE7088-15

40 GHz 2.92mm Attenuator

The Pasternack PE7088 attenuator series is designed with stainless steel 2.92mm connectors for excellent performance to 40 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 40 GHz attenuator line is available in 1 dB steps from 0 dB to 10 dB for accurate system power leveling. 12 dB, 15 dB, 20 dB and 30 dB attenuators are available for millimeter wave applications.

Configuration

Connector 1

Connector 2

Frequency Range (GHz)

Body Material and Plating

Design

2.92mm Female

2.92mm Female

DC to 40

Stainless Steel, Passivated

Fixed

Electrical Specifications

Frequency Range (GHz) DC to 40 Impedance (Ohms) 50 Power, Max Input (Watt) 1 Standard Attenuation Values (dB) 15 VSWR Max Input 1.4:1

Frequency 1

Range (GHz) DC to 18
Attenuation Accuracy (GHz) 0.6
VSWR 1.3:1

Frequency 2

Range (GHz) 18 to 26.5 Attenuation Accuracy (±dB) 0.5 VSWR 1.4:1

Frequency 3

Range (GHz) 26.5 to 40
Attenuation Accuracy (±dB) 1
VSWR 1.4:1

Click the following link for the additional product information:

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Mechanical Specifications

Temperature Operating Range (deg C) -55 to +125 Body Material and Plating Stainless Steel, Passivated

Connector 1

Type 2.92mm Gender Male Body Material and Plating Stainless Steel, Passivated Inner Conductor Material and Plating BeCu. Gold Outer Conductor Material and Plating Stainless Steel, Passivated Stainless Steel, Passivated Coupling Nut Material and Plating

Connector 2

Type 2.92mm 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/15db-fixed-2.92mm-male-2.92mm-female-1-watt-attenuator-pe7088-15-p.aspx

15 dB Fixed Attenuator, 2.92mm Male To 2.92mm Female Stainless Steel Body Rated To 1 Watt Up To 40 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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PE7088-15 CAD Drawing

15 dB Fixed Attenuator, 2.92mm Male To 2.92mm Female Stainless Steel Body Rated To 1 Watt Up To 40 GHz

