

2 dB Fixed Attenuator, N Female To N Male Directional Rated To 500 Watts Up To 500 MHz

PE7032-2

Features

Applications

Description

Pasternack carries a wide range of fixed attenuators with a broad selection of attenuation levels, frequency ranges, and power dissipation ranges. RF microwave attenuators (also known as RF pads) lower the amplitude of a signal (attenuate) a known amount and can be used in a wide variety of applications. These attenuator pads are used when a signal needs to be reduced to protect measurement equipment or other circuitry, to extend the range of power meters and amplifiers, and to impedance match circuits by reducing the VSWR seen by adjacent components. RF attenuators can prevent signal overload in amplifiers, receivers and detectors, adjusting the signal level to a range that is optimal.

Few RF components are as commonly used as fixed coaxial attenuators, and Pasternack carries one of the largest in-stock varieties and ships them same day. The 2 dB Fixed Attenuator PE7032-2 is rated to 500 Watts and operates from DC to 500 GHz. The versatile coaxial package uses type N female to type N male connectors and is also REACH and RoHS compliant. The Black Anodized Aluminum Heatsink body allows for efficient heat dissipation under high power usage conditions.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		500	MHz
Impedance		50		Ohms
Nominal Attenuation		2		dB
VSWR			1.15:1	
Input Power, CW			500	Watts

Mechanical Specifications

Size

Length	0 in [0 mm]
Width/Diameter	0 in [0 mm]
Height	0 in [0 mm]
Weight	13.85 lbs [6.28 kg]
Body Material and Plating	Black Anodized Aluminum Heatsink

Configuration

Design	Fixed, Directional
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Connectors

Description	Connector 1	Connector 2
Type	N Female	N Male
Outer Conductor Material and Plating	Aluminum	

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Environmental Specifications

Temperature

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

Typical Performance Data

2 dB Fixed Attenuator, N Female To N Male Directional Rated To 500 Watts Up To 500 MHz from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% 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: [2 dB Fixed Attenuator, N Female To N Male Directional Rated To 500 Watts Up To 500 MHz PE7032-2](#)

URL: <https://www.pasternack.com/2db-fixed-n-female-n-male-500-watts-attenuator-pe7032-2-p.aspx>

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