



6 dB Fixed Attenuator, 2.2-5 Male to 2.2-5 Female
 Brass Body Rated to 10 Watts, DC to 6 GHz

RF Fixed Attenuators Technical Data Sheet

PE7493-6

Features

- DC to 6 GHz Frequency Range
- 2.2-5 Connectorized Design
- Attenuation 6 dB $\pm$ 1 dB
- Max Power 10 Watts (CW)
- Max VSWR of 1.25:1

Applications

- Instrumentation
- Precision Measurements
- Prototyping and Characterization
- Production Systems
- 5G Cellular bands

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 6 dB Fixed Attenuator PE7493-6 is rated to 10 Watts and operates from DC to 6 GHz.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		6	GHz
Impedance		50		Ohms
Nominal Attenuation		6		dB
Attenuation Accuracy			$\pm$ 1	dB
VSWR			1.25:1	
Input Power, CW			10	Watts
Input Power, Peak 8% Duty Cycle, 20us PW			100	Watts

Mechanical Specifications

Size	
Length	2.36 in [59.94 mm]
Width/Diameter	0.79 in [20.07 mm]
Height	0.79 in [20.07 mm]
Weight	0.07 lbs [31.75 g]
Body Material and Plating	Brass, Copper-Tin-Zinc Alloy

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [6 dB Fixed Attenuator, 2.2-5 Male to 2.2-5 Female Brass Body Rated to 10 Watts, DC to 6 GHz PE7493-6](#)

PE7493-6 CAD Drawing

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