

30 dB Fixed Attenuator, 2.92mm Male To 2.92mm Female Stainless Steel Body Rated To 2 Watts Up To 26.5 GHz



PE7024/SP-30

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 30 dB Fixed Attenuator PE7024/SP-30 is rated to 2 Watts and operates from DC to 26.5 GHz. The versatile coaxial package uses 2.92mm male to 2.92mm female connectors and is also REACH and RoHS compliant.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		26.5	GHz
Impedance		50		Ohms
Nominal Attenuation		30		dB
VSWR			1.4:1	
Input Power, CW			2	Watts

Mechanical Specifications

Size

Length	0 in [0 mm]
Width/Diameter	0 in [0 mm]
Height	0 in [0 mm]
Weight	0.013 lbs [5.9 g]
Body Material and Plating	Stainless Steel

Configuration

Design	Fixed, Bidirectional
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Connectors

Description	Connector 1	Connector 2
Type	2.92mm Male	2.92mm Female
Outer Conductor Material and Plating	Passivated Stainless Steel	

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Environmental Specifications

Temperature

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

Plotted and Other Data

Notes:

Typical Performance Data

30 dB Fixed Attenuator, 2.92mm Male To 2.92mm Female Stainless Steel Body Rated To 2 Watts Up To 26.5 GHz 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: [30 dB Fixed Attenuator, 2.92mm Male To 2.92mm Female Stainless Steel Body Rated To 2 Watts Up To 26.5 GHz PE7024/SP-30](#)

URL: <https://www.pasternack.com/30db-fixed-2.92mm-female-2.92mm-male-2-watts-attenuator-pe7024-sp-30-p.aspx>

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