

Suppliers of Continuously Variable Optical Attenuators



AI Overview

Leading companies offering continuously variable optical attenuators include LASNIX, Coherent, EKSMA Optics, Pasternack, and ARRA, each providing specialized solutions for laser and RF applications. LASNIX specializes in continuously variable attenuators for CO₂ lasers, using proprietary free-standing metal grid technology. Their devices precisely control power and polarization without affecting beam alignment or mode structure. The attenuators can be mounted directly on lasers and feature rotatable grid polarizers for independent adjustment of polarization direction. LASNIX products are particularly suited for infrared laser applications and high-power CO₂ laser systems, preserving beam quality even at maximum power levels.

Coherent offers the Lasercam™ Continuously Variable Attenuator, designed for adjustable laser beam attenuation from 10⁷:1 to 3000:1. These attenuators handle up to 1 W/cm² or 100 mJ/cm² at 632.8 nm and integrate with BeamView™ 4.4 software for beam profiling. They are compatible with pulsed and CW lasers, providing precise control over beam intensity, divergence, and uniformity. Coherent's products are widely used in research and industrial laser measurement applications.

EKSMA Optics manufactures manual and motorized continuously variable attenuators for linearly polarized laser beams. Their devices combine high-performance polarizing cube beamsplitters and half-wave plates, supporting wavelengths from 257 nm to 1064 nm. Motorized models allow continuous intensity adjustment and are suitable for high-power Nd:YAG or femtosecond Ti:Sapphire lasers, making them ideal for ultrafast laser experiments and precision optical setups.

Pasternack provides RF and microwave continuously variable attenuators with 50 Ohm impedance and SMA connectors, covering 1 GHz to 18 GHz. Their atte...

Article Content

Variable Fibre Optic Attenuator Market Business Growth ...

The Variable Fibre Optic Attenuator Market is experiencing steady growth driven by the expanding demand for high-capacity data transmission, 5G deployment, and cloud infrastructure expansion.

Electronic Variable Optical Attenuators (EVOAs) with

These EVOAs provide attenuation of up to at least 25 dB, which can be continuously tuned using either a rotary knob or an external control voltage applied via an

Attenuators | Authorized Distributor

Shop Arrow for attenuators from leading industry manufacturers including Huber Suhner, Analog Devices, TE Connectivity, Amphenol ICC and more. We have a large selection of fixed, variable,

Continuously Variable Attenuators for Lasers | EKSMA

EKSMA Optics Continuously Variable Attenuators 990-0060 58.57 kB download PDF
Divides laser beam into two beams of manually adjustable intensity ratio Convenient 90° angle between reflected

Continuously Variable Attenuators

Pasternack variable attenuators in continuous style are part of over 40,000 in-stock RF products. Continuously variable attenuators and our other RF, microwave and millimeter wave components

Fiber Optical Variable Attenuators

We offer the industry's most extensive selection of fiber variable optical attenuators (VOAs), addressing all application scenarios with best-in-class performance and

Variable Optical Attenuators – Buyer's Guide & Suppliers

This buyer's guide for variable optical attenuators provides technical background, comparison of major types, selection criteria, and an overview of suppliers.

Fiber-optic Attenuators – Buying Guide & Suppliers

This fiber-optic attenuators buying guide provides technical background, comparison of major types, selection criteria, and an overview of suppliers.

Variable Optical Attenuators VOA

Each product in our wide range of fiber technologies, detectors, laser diodes, laser modules, optics, and more is worth every Euro (€/EUR). Our solutions cover all conceivable areas of application: from

Continuously Variable Attenuators Manufacturers and Suppliers in the ...

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Variable optical attenuators

Variable optical attenuators. Fast attenuation speed with low insertion loss and built-in power monitoring. Operates in fixed attenuation or constant output power

Variable Optical Attenuators

Fiber Variable Optical Attenuators GAO's variable optical attenuators are devices that combines the functionalities of a variable optical attenuator with testing capabilities. It allows you to both control the

Attenuators

Attenuators from VIAVI offer a complete range of power-balancing options, from fixed to variable optical attenuators in field, lab, and manufacturing environments.

Laser Power Attenuators

Compact Variable Laser Power Attenuators 990-0077, 990-0078 Compact Variable Attenuators designed to continuously attenuate linearly polarized laser beams. Clear aperture $\varnothing 17$ mm or $\varnothing 22$

Variable Optical Attenuators VOA

Variable Stand-Alone Attenuators The MATRIQ series of variable stand-alone attenuators have built-in power meters and a power stabilization function. This allows output power, for example, to be

OZ Optics Online | Variable Attenuators

Variable Attenuators Manual Variable Attenuators MEMS Variable Attenuators Motor Driven Variable Attenuators

VOA100 Handheld Variable Optical Attenuator

Tarluz VOA100 handheld optical variable attenuator is used for continuously variable optical signal attenuation. As the VOA100 is used in the laser system for the on

Fiber Optic Attenuators

Thorlabs has a wide variety of single mode (SM), polarization-maintaining (PM), or multimode (MM) fixed and variable optical attenuators (VOAs). We offer SM and

Variable Optical Attenuator

Comparing to the fixed optical attenuator, variable optical attenuator has the function that attenuation can be adjusted as demand. There are two

Optical Attenuators – fixed, variable, VOA, high-power,

Optical attenuators are devices that reduce the optical power of a light beam by a fixed or variable amount. Key requirements include minimal effect on the beam

Laser Power Attenuators

Available for different laser wavelengths. We also offer variable attenuators for high power Nd:YAG laser or femtosecond Ti:Sapphire laser applications. It has multiple order or zero order optically contacted,

Micro Electro Mechanical System Variable Optic Attenuator ...

The Micro Electro Mechanical System Variable Optic Attenuator (VOA) Market is projected to grow from USD 350 million in 2024 to USD 800 million by 2033, registering a CAGR of 9.8%

Optical Attenuators – Buyer's Guide & Supplier List | RP Photonics

This buyer's guide for optical attenuators provides technical background, comparison of major types, selection criteria, and an overview of suppliers.

Variable Optical Attenuators

Variable optical attenuators, used in fiber communications, vary light attenuation. The article discusses operation principles and various performance parameters.

Contact Us

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