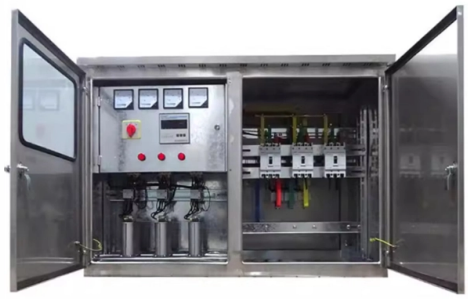
Price of Online Optical Attenuator



Overview

Shop DigiKey''s large in-stock selection of Fiber Optic Attenuators. View inventory, pricing and order now for same day shipping!

Key Takeaways

Online optical attenuators typically range from $5 to over $200 depending on type, attenuation level, and connector style.

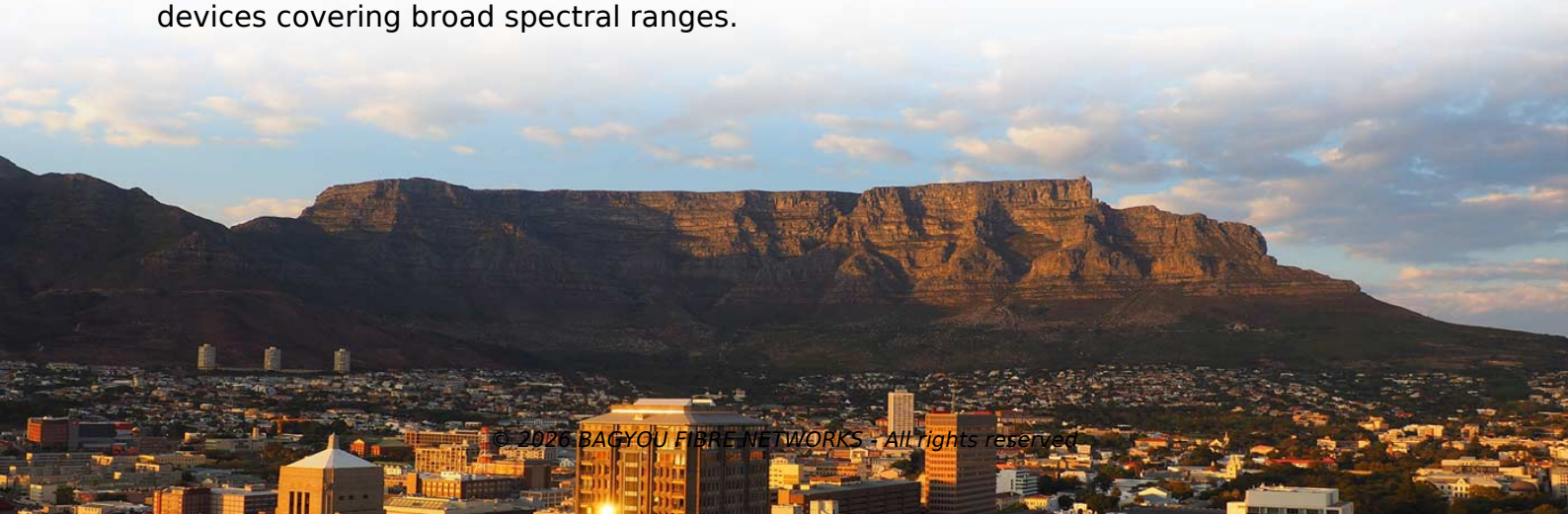
Price Overview

Fixed Fiber Optic Attenuators: These are the most common and affordable type, providing a constant loss (e.g., 5 dB, 10 dB). Prices generally start around $5–$20 for standard LC, SC, or FC connectors with low to moderate attenuation levels (0–20 dB) on platforms like Amazon and DigiKey. Variable Optical Attenuators (VOAs): These allow adjustable attenuation and are more expensive due to precision control.

Prices typically range from $50 to $200+, depending on the wavelength range, insertion loss, and mechanical or motorized adjustment features.

High-

Power or Specialty Attenuators: For applications such as high-power laser diagnostics or WDM systems, prices can exceed $200, especially for motorized or custom-coated devices covering broad spectral ranges.



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Factors Affecting Price

Connector Type: LC, SC, FC, ST, and MU connectors may have slightly different costs, with LC and SC being the most common and affordable. Attenuation Level: Higher dB ratings or precision requirements increase the price. Standard fixed attenuators (5–20 dB) are cheaper than high-precision or high-attenuation models (30–60 dB),.

Adjustability: Variable attenuators with fine-tuning or motorized control are significantly more expensive than fixed attenuators. Material and Build Quality: High-quality fiber or coatings for stability and long-term performance can increase cost. Online RetailersFS.com: Offers fixed and variable attenuators with attenuation ranges from 0–60 dB.

Digi

Key: Provides a wide selection of fiber optic attenuators with same-day shipping and detailed specifications. Amazon: Everyday low prices for industrial and scientific attenuators, suitable for general lab or networking use. Fibermarkt: Focuses on high-quality LC/UPC attenuators at competitive prices.

In summary, for standard fixed attenuators, expect $5–$20, while variable or high-precision attenuators can cost $50–$200+, depending on specifications and application requirements.

Article Content

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Amazon : Fiber Optic Attenuators

Online shopping for Industrial & Scientific from a great selection of Fiber Optic Attenuators, Radio Frequency Attenuators & more at everyday low prices.

Amazon : Attenuators

Nooelec SMA Attenuator Kit - Bundle of 6pc 2W 50 Ohm SMA in-Line Attenuators Provides Highly Linear Attenuation from 1dB to 42dB in 1dB Increments. 1dB, 2dB, 3dB, 6dB, 10dB

Optical Attenuators, Fixed & Variable Available

FS fixed and variable fiber optic attenuators with leading attenuating fibers guarantee consistent and stable fiber attenuation (0~60dB) in WDM transmission.

Fiber Optic Attenuators

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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 PM electronic VOAs that provide control of

SC/UPC Singlemode Fixed Fiber Attenuator 1~25dB

Buy SC Fixed Fiber Optic Attenuator (Singlemode, Male to Female, UPC, 1~25dB) online, Affordable Factory Price & 5-Year Warranty.

In-line Fiber optic Attenuator,Singlemode VOA,0-30dB range

Our fixed optical attenuators are fiber connectors that can be attached to an FC/PC or FC/APC single mode fiber patch cable. We also offer fixed optical attenuators for multimode fibers

variable optical attenuator price: Best Deals in 2025

The global variable optical attenuator (VOA) market is experiencing steady growth, driven by escalating demand in telecommunications, data centers, and research applications.

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Upgrade your Fiber Optic Equipment with the elegant and durable Optical Fiber Attenuators Price.Identify leading distributors by their ability to offer competitive wholesale prices and insider

OZ Optics Online | Digital Variable Attenuators

OZ Optics offers a compact, rugged and low cost digital attenuator with high resolution, high speed, high attenuation range and high power handling (blocking technique only).

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Buy V-TECH Digital fiber optic Optical Variable Attenuator Tester meter a Digital Multimeter for Rs. online. V-TECH Digital fiber optic Optical Variable Attenuator Tester meter a Digital Multimeter at

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Variable Fiber Optic Attenuators Types Prices & Technical Specifications

What Is Variable Fiber Optic Attenuators? Variable Fiber Optic Attenuators, or fiber optic attenuator, is a device used to reduce the power level of an optical signal, either in free space or in an optical fiber.

OZ Optics Online | Fiber Optic Attenuators

OZ Optics offers a broad range of both variable and fixed attenuators having key competitive advantages. All of our attenuators operate over the two standard wavelength bands, the C-Band and

Attenuators

VIAVI offers the industry''s most complete range of optical attenuators for installation and maintenance of singlemode and multimode fibers and advanced, photonic-layer solutions for lab and production

Amazon Bestsellers: The most popular items in Attenuators

ECOGLOW FiberFox 10dB LC/UPC Fiber Optic Attenuator Single Mode, Fixed Optical Attenuation Adapter for Fiber Network Testing, FTTH, Telecom & Data Communication Applications (Pack of 2) 1

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

Optical attenuators are devices which can reduce the optical power e.g. of a light beam. Some types provide variable attenuation.

Contact Us

Continue your research online:

Website: https://bagyou.es
Technical inquiry: https://bagyou.es/project-enquiry.html

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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