

Optical Attenuator Price Quote

Article Overview

Optical attenuators range from approximately \$10 for basic fixed fiber-optic types to several thousand dollars for high-end variable or electronically controlled models.

Price Overview

- **Fixed Fiber-Optic Attenuators:** Basic single-mode or multimode fixed attenuators with standard connectors (LC, SC, FC, ST) typically cost \$10-\$50 per unit depending on attenuation value and connector type (DigiKey, Thorlabs) .
- **Variable Optical Attenuators (VOAs):** Manual or electronic VOAs for single-mode or multimode fibers range from \$100 to \$500 for standard lab-grade units, offering adjustable attenuation from 0-60 dB (FS, Thorlabs) .
- **High-End Electrically Controlled VOAs:** Advanced models like the Keysight N7752C, which include dual-channel control and integrated optical power meters, can cost several thousand dollars, reflecting their precision, automation, and integration capabilities .

Factors Affecting Price

- **Type of Attenuator:** Fixed attenuators are generally cheaper than variable or electronically controlled models.
- **Fiber Type:** Single-mode (SM), multimode (MM), or polarization-maintaining (PM) fibers influence cost, with PM and SM electronic VOAs being more expensive.
- **Connector Type:** Common connectors include FC/PC, FC/APC, SC, LC, ST, and SMA; specialty connectors may increase price.
- **Attenuation Range:** Higher dB ranges or precision-controlled attenuation typically increase cost....

Article Content

Sep 27, 2025

Optical Attenuators | Keysight

Controlled optical signal conditioning for automated optical workflows Keysight optical attenuators provide precise control of optical

Aug 10, 2025

"Optical Fiber Attenuators Price"

Upgrade your Fiber Optic Equipment with the elegant and durable Optical Fiber Attenuators Price. Identify leading distributors by their

Jun 15, 2026

Optical Attenuators

Optical attenuators are usually of two types: fixed attenuation or adjustable attenuation. Fixed attenuation value optical attenuator

Apr 19, 2026

Fiber optic attenuators

Attenuator Singlemode LC/UPC 10dB Model: FA-IS-PCL10 €3.72€4.58 Large availability Add to Cart Add to Wish ListAdd to

Apr 28, 2026

Optical Attenuators, Fibre Optic Attenuators

FS fixed and variable optical attenuators with leading attenuating fibres make sure consistent and stable fibre attenuation (0~60dB) in

Jan 29, 2026

variable optical attenuator price: Best Deals in 2025

The global variable optical attenuator (VOA) market is experiencing steady growth, driven by escalating demand in

Oct 30, 2025

Optical Attenuators: Types, Principles & Calculations

Complete guide to optical attenuators: fixed, stepwise & continuous types. Learn gap-loss, absorptive & reflective

Nov 11, 2025

Amazon : Fiber Optic Attenuators

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

Dec 27, 2025

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

Sep 21, 2025

Fiber Attenuators

Product PortfolioAMS Technologies carries a broad range of fiber attenuators that provide fixed or variable attenuation of optical

Jun 13, 2026

Optical Fiber Attenuator at Best Price from

Find companies Supplying Optical Fiber Attenuator in India. Get Optical Fiber Attenuator at best price from

May 13, 2026

Fixed Fiber Optic Attenuators | Fiber Optic Attenuators

Fixed Fiber Optic Attenuator Newport's Single-Mode Fixed Fiber Optic Attenuators offer low return loss, high mode stability and a

Jun 18, 2026

Variable Optical Attenuator Price

Types of Variable Optical Attenuators suppliers provide useful variable optical attenuator price details. The attenuator types include:

Sep 26, 2025

Polarization Maintaining Mechanical Variable Optical Attenuator

Get a price quote for Polarization Maintaining Mechanical Variable Optical Attenuator 1030nm directly from DK Photonics | Ask

Mar 25, 2026

Attenuators

Attenuators offers dependable operation for installation, testing, and network expansion from Fiber Instrument Sales.

Aug 29, 2025

Exploring Optical Attenuator Types and Applications: A

optical attenuators are indispensable components in fiber optic communication systems,

Jun 17, 2026

Optical Attenuators, Fixed & Variable Available

FS fixed and variable fiber optic attenuators with leading attenuating fibers guarantee consistent and stable fiber attenuation

Nov 15, 2025

Optical Attenuators

The main function of an optical attenuator is to reduce the intensity of an optical signal so that it can be maintained at an appropriate

Dec 10, 2025

Optical Fiber Attenuator

Find here Optical Fiber Attenuator, Fiber Optic Attenuators manufacturers, suppliers & exporters in India. Get contact

Oct 20, 2025

Fiber Optic Attenuators In Stock | Great Prices | Unikeyic

Shop At Unikeyic For Fiber Optic Attenuators —Stocked, Ready To Ship. Find Detailed Datasheets And Competitive Pricing On Our

Apr 12, 2026

Fiber Optic Attenuators | Optoelectronics | DigiKey

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

Apr 27, 2026

Optical attenuator

An optical attenuator, or fiber optic attenuator, is a device used to reduce the power level of an optical signal, either in free space or

Apr 28, 2026

Optical Fiber Attenuators Factory

When you order fiber optic attenuators, we will package them individually in PP bags with test report labels. 15 Years of

Jul 10, 2026

Benchtop Digital Multichannel Attenuator

The MCDD-1000 is a compact, rugged, and low-cost benchtop digital multichannel attenuator offered by OZ Optics.

Mar 07, 2026

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

Mar 07, 2026

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

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.iiss.co.za>

Email: sales@iiss.co.za

Phone: +27 63 174 2895

Address: Unit 8, Innovation Park, 15 Rivonia Road, Sandton, Johannesburg, 2196, South Africa

This document is for informational purposes only. Specifications subject to change without notice.

