Standard Optical Attenuator Price Quote



Overview

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

Key Takeaways

Standard optical attenuators typically range from $5 to $50 per unit, depending on type, attenuation level, and connector type.

Price Overview

The cost of fiber optic attenuators varies based on whether they are fixed or variable, the attenuation range (commonly 0–60 dB), and the connector type (LC, SC, FC, or ST) used. On popular electronics and industrial platforms: DigiKey offers a wide selection of fiber optic attenuators, with prices starting around $5–$10 for basic fixed attenuators. FS.com lists both fixed and variable attenuators, with typical prices ranging from $10 to $50, depending on precision and attenuation range.

Amazon provides industrial and scientific attenuators at $8–$40, often sold individually or in small packs. Fibermarkt emphasizes high-quality LC/UPC attenuators, generally priced in the $10–$30 range.

Made-in-

China offers factory and wholesale pricing, which can be lower for bulk orders, sometimes under $5 per unit for standard models.

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Factors Affecting Price

Attenuation Level: Higher dB ratings or precision attenuators cost more. Connector Type: Specialty connectors (e.g., LC/APC) are more expensive than standard LC/UPC. Variable vs Fixed: Variable attenuators are generally pricier due to adjustable mechanisms.

Brand and Quality: Premium brands or certified products for telecom and WDM systems command higher prices. Quantity: Bulk purchases or factory-direct orders can significantly reduce per-unit cost.

Buying Tips

Compare prices across distributors like DigiKey, FS, and Amazon to find the best deal. For large-scale or OEM applications, consider factory pricing from platforms like Made-in-China to reduce costs. Ensure the attenuator matches your fiber type (single-mode or multi-mode) and connector specifications.

By considering these factors, you can select a cost-effective optical attenuator that meets your technical requirements while staying within budget.

Article Content

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!

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.

"Optical Fiber Attenuators Price"

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

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.

Optical Attenuators

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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 power level within a certain range in a fiber optic communication system.

Attenuators

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

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 Manufacturing Experience, Custom & Wholesale at Factory Price.

Fiber Optic Attenuators LC-SC-FC ... 1~30dB Price

What is the types of Fixed Fiber Optic Attenuators 1~30dB prices and technical specifications Producer,Manufacturer,Wholesaler China

46 Attenuator Manufacturers in 2026 | Metoree

46 Attenuator Manufacturers in 2026 This section provides an overview for attenuators as well as their applications and principles. Also, please take a look at the list of 46 attenuator manufacturers and

Fiber Attenuators for Data Centers: Complete 2025 Guide

According to TIA standards, excessive optical power in short-haul fiber links can degrade performance and damage sensitive transceiver modules, especially in 100G systems. Used to

variable optical attenuator price: Best Deals in 2025

Find the best variable optical attenuator price with verified suppliers. Compare unit prices, MOQs, and customization options. Click to explore top-rated products and get competitive quotes

Kingfisher International 7000 Series Variable Optical Attenuator

The KI 7000 Series hand held Fiber Optic Variable Attenuator is a precision handheld instrument commonly used for testing optical system margin. Superior specifications, high productivity and ...

Optical Attenuators | Keysight

Controlled optical signal conditioning for automated optical workflows Keysight optical attenuators provide precise control of optical signal power for accurate and repeatable optical component testing.

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Fixed Attenuators, Variable Attenuators

TRS-RenTelco offers RF fixed and variable attenuator for rent or sale, at great prices. Equipment from top manufacturers. Request a quote now!

HP 8156A (Opt. 100 Optical Attenuator) | ArtisanTG™

8156A Opt. 100 Optical Attenuator from HP | Buy Today from Artisan. 30-Day Return Guarantee. 1-Year Warranty. Fast Shipping. Downloadable Technical Manuals and Datasheets. Trusted Supplier for

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Optical Attenuators: N7765C | Keysight

The N7765C high dynamic range optical attenuator is particularly suitable for optical amplifier test where wavelength flatness is key, for power leveling with high input power, and for single photon generation

15dB LC Attenuator LC/UPC SM Single Mode Fixed Optical ...

□□Low insertion loss: LC attenuators exhibit low insertion loss, ensuring minimal energy loss when the optical signal passes through the attenuator. LC/UPC singlemode fixed fiber optic attenuator

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Website: https://cgweb.co.za
Technical inquiry: https://cgweb.co.za/project-enquiry.html

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

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