

Adjustable Fiber Optic Attenuator Price Quote

Article Overview

Adjustable fiber optic attenuators typically cost between \$5 and \$50 per piece, depending on type, connector, and supplier.

Adjustable fiber optic attenuators are used to precisely control optical signal strength in single-mode or multi-mode fiber systems. Prices vary based on attenuation range, connector type (FC, SC, LC, ST), and quality. For example, a single-mode FC/UPC adjustable attenuator with a 1-30dB range can cost around \$5 per piece when purchased from suppliers like Made-in-China, though shipping and bulk orders may affect the final price . On platforms like Alibaba, adjustable attenuators are available in various types (manual screw-type, digital, stepped) and prices can range from \$5 to \$50 or more, depending on precision, brand, and order quantity . Retailers such as Amazon and DigiKey also offer fiber optic attenuators, often at slightly higher prices due to shipping and retail markup . Factors influencing cost include:

- o Attenuation range: Wider ranges (e.g., 1-30dB) may be slightly more expensive.
- o Connector type: FC, SC, LC, or ST connectors can affect compatibility and price.
- o Build quality: High-precision, low return-loss models for lab or telecom use are more costly.
- o Quantity: Bulk purchases often reduce per-unit cost. In summary, for most standard applications, expect to pay \$5-\$50 per adjustable fiber optic attenuator, with higher-end or specialized models costing more. For precise lab or telecom deployments, investing in quality attenuators ensures reliability, repeatability, and low signal loss .

Learn what fiber optic attenuator is, how it reduces the power level of an optical signal, different types of optical

uxcell SC Mechanically Variable Optical Attenuator, Single Mode/Multi-Mode 0-30dB Adjustable VOA Fiber Optic Attenuator Brand:

Precisely manage optical power levels in your singlemode fiber optic systems with this FC/PC variable optical

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

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

We also have female to female (bulkhead) attenuators, often used to mount in patch panels or for connecting

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two fiber optic cables

HeyOptics offers High-quality Variable Optical Attenuator (Singlemode,0-60dB) at direct-factory Price &

- Get your individual quote. - Technical compatibility review included. - Volume discounts available. No obligation. Direct access to

Thorlabs also offers a variable optical attenuator for FC/PC multimode patch cables . Our multimode fiber

Thanks to additional features such as switchable bandwidth limitation (low-pass filter), separate fast monitor outputs, adjustable

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

In these situations, network administrators should install fiber attenuators to reduce optical power levels. Attenuators enable the fine

7. Widely used in the fiber optic communication system, for example, optical instrument calibration or fiber signal attenuation.

For Custom Fiber Assemblies call (321) 473 8933 or E-mail for a Quick Quote. Fiber optic attenuators available for use in single

OZ Optics offers a broad range of both variable and fixed attenuators having key competitive advantages. All of our attenuators

What Is Fixed Fiber Optic Attenuators? Fiber optical attenuator, or fiber optic attenuator, is a device used to reduce the power level of

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