

What is the price range for lc fiber optic attenuators



AI Overview

LC fiber optic attenuators typically cost between \$5 and \$30 per unit, depending on type, attenuation level, and quality.

Price Range Fixed LC attenuators (singlemode, 1–25 dB, APC or UPC) generally range from \$5 to \$20 per piece for standard quality units, with higher-end or factory-tested models costing up to \$30. Variable LC attenuators, which allow adjustable attenuation, are usually more expensive, often starting around \$15–\$25 and can go higher depending on precision and brand.

Retail platforms like Amazon offer LC attenuators in similar ranges, but prices vary by seller and shipping options.

Factors Affecting Cost

- Attenuation Level:** Higher dB values or fine increments (e.g., 1 dB steps up to 25 dB) may slightly increase the price.
- Connector Type:** APC connectors are generally more expensive than UPC due to better return loss performance.
- Singlemode vs Multimode:** Singlemode attenuators are typically more costly than multimode versions.
- Brand and Quality:** Premium brands or factory-tested attenuators with test reports and warranties may cost more but ensure consistent performance.
- Quantity:** Bulk purchases often reduce the per-unit cost.

Where to Buy

- Specialized suppliers:** FS, Optcore, Fibermarkt offer a wide range of LC attenuators with detailed specifications and test reports.
- Electronics distributors:** DigiKey stocks LC attenuators with same-day shipping and competitive pricing.
- Online marketplaces:** Amazon provides convenient options for small quantities, though prices may vary by seller.

In summary, for a standard LC fixed fiber optic attenuator, expect to pay \$5–\$20, while variable or high-precision models may cost \$15–\$30 per unit, with prices influenced by connector type, attenuation range, and brand quality.

Article Content

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10 Pack Single Mode Fiber Optic Attenuators – 2dB, 5dB, 7dB, 10dB, 15dB, LC/UPC Fiber Attenuator Ideal for Communication & Data Centers Add to cart

LC/LC Singlemode Fiber optic Attenuator APC Male/Female

This fixed fiber optic attenuator consists of a LC simplex male on one end and a LC simplex female on the other end. It is typically used to either test power levels or reduce power levels of an optical

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Fiber optic attenuators

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