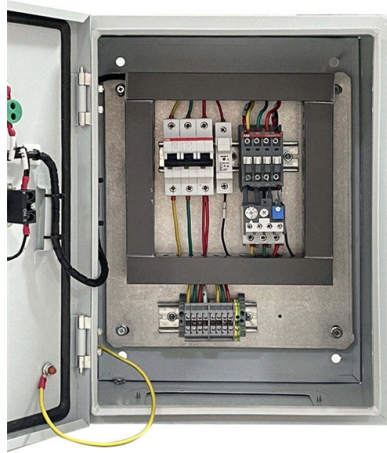


Price of Dual-Channel Fiber Optic Splitter



Article Overview

Dual-channel (1x2) fiber optic splitters typically range from \$10 to \$50 per unit, depending on type, packaging, and manufacturer.

Overview

A dual-channel fiber optic splitter (1x2 splitter) is a passive optical device that divides a single input signal into two output signals, commonly used in FTTx, PON, and network distribution applications. These splitters can be manufactured using two main technologies:

- PLC (Planar Lightwave Circuit) Splitters: Compact, highly reliable, and suitable for precise splitting with low insertion loss. Ideal for both indoor and outdoor applications, available in ABS box, LGX cassette, or bare fiber formats.
- FBT (Fused Biconical Taper) Splitters: Cost-effective and typically used for smaller split ratios like 1x2 or 1x4. They are reliable for standard network deployments.

Pricing Factors

The price of a dual-channel splitter depends on several factors:

- Type of splitter: PLC splitters are generally more expensive than FBT splitters due to higher precision and reliability.
- Connector type: LC, SC, FC, or APC connectors can affect cost. Bare fiber versions are usually cheaper.
- Packaging: ABS box or LGX cassette packaging adds durability and convenience but increases the price.

Article Content

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FS Community

Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

Fiber Splitter | Passive Optical Splitter Manufacturer | Sopto

Fiber optic splitter is used to split a fiber optic beam into several beams at a certain splitting ratio. Fiber optic splitter is one of the key

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Multimode Fiber Splitters Castor's Multimode Fiber Splitters (MFS) are designed to efficiently split or combine multimode signals with

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This guide demystifies fiber optic splitters, explaining their design, operating principles,

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Fiber Splitter (Fiber Optic Splitters) | PLC & FBT

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Fiber Optic Couplers | Fibertronics, Inc.

Fibertronics offers fiber optic couplers/splitters. These are available in single mode or multimode. Splitters with a defined split ratio

Fiber Optic Splitter Manufacturer | PLC & FBT Splitters

Spring Optical provides fiber optic splitters including PLC splitters and FBT couplers for FTTH and PON networks, offering low loss

Fiber Optic Splitters

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