

PLC splitter cost



Overview

Modern PLC splitters typically range from \$20 to \$200, with pricing primarily influenced by the splitting ratio (1:2, 1:4, 1:8, 1:16, 1:32, or 1:64), insertion loss specifications, and manufacturing quality. FS PLC Fiber Optic Splitters, Bare/Blockless/ABS/LGX Splitter/Rack Mount Types, support 1xN light distribution, with low IL and PDL for high-reliability transmission. Deploying compact FS PLC Splitters to simplify your networks, perfectly fits your PON, EPON, FTTX, etc. A PLC Splitter (Planar Lightwave Circuit Splitter) is a passive optical device used to divide a single optical signal into multiple outputs with uniform optical power. The technology employs planar lightwave circuit technology, ensuring consistent performance. FBT splitters, based on fused fiber tapering, offer simplicity and affordability, while PLC splitters, fabricated using waveguide lithography on silica substrates, prioritize precision and uniformity. They provide a low failure rate and a evenly spread splitting profile over the whole wavelength range from 1260nm to 1650nm. With these splitters you can split one fiber core on different fibers, also.



Article Content

May 24, 2026

Cassette Type Fiber Optic PLC Splitters

Discover our high-performance Cassette Type Fiber Optic PLC Splitters. Plug-and-play design, low loss, and compact size for FTTH, PON, and GPON networks.

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Discover a wide range of reliable fiber optic splitters. Our PLC and FBT splitters offer low loss and various split ratios for FTTH, PON, and CATV networks.

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PLC Splitters vs FBT Splitters A Detailed Guide for 2025

Compare PLC Splitters and FBT Splitters for 2025. Learn about cost, performance, scalability, and which splitter suits your fiber optic network needs.

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United States PLC Splitter Chips Market Forecast 2026-2033

The United States PLC Splitter Chips Market: A Strategic Perspective The growth of the United States PLC Splitter Chips market is contributing significantly to the economy through

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2x32 PLC Fiber Splitter

PLC Splitter for FTTX and PON Networks A PLC (Planar Lightwave Circuit) splitter offers a cost-effective way to split optical signals into multiple output paths in a

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PLC Splitters For FTTH: Ratios, Loss Budget & Quick ODN Design

A complete engineering guide to PLC splitters in FTTH networks. Learn splitter ratios, insertion loss, cascade design, FAT & closure integration, and how Quick ODN reduces deployment

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FBT vs PLC Splitter: Choosing the Backbone of Your

FBT Splitter vs PLC Splitter: Compare technology, cost, reliability, and best uses to choose the right fiber optic splitter for your network needs.

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1x4 PLC Splitter: A Wholesale Guide for ISPs

The 1x4 PLC Splitter with SC/APC connectors is a foundational element for building robust FTTH and FTTx networks. Whether you're expanding broadband in rural areas or upgrading

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A PLC splitter is a passive optical device that takes a single input optical signal and divides it into multiple output signals. Unlike active electronic

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PLC Splitter Pricing: Cost-Effective Solutions for Fiber Optic Networks

Comprehensive guide to PLC splitter pricing, featuring cost-effective solutions, quality-price comparisons, and long-term benefits for optical network deployments.

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Learn everything about PLC & fiber optic splitters – technology, selection, areas of application. Discover high-quality fiber optic splitters at Fiber24 now.

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FBT vs PLC Splitter: Essential Differences You Should

Fiber splitters are divided into FBT and PLC splitters. They differ in wavelength, port, splitting ratio, failure rate, uniformity, temperature, size, and cost.

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Sourcing PLC Splitter: A Complete Buyer's Guide

Learn everything about PLC Splitter: what they are, how they work, and how to source the right one for your network. Complete buyer's guide.

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Look no further than Phxfiber, China's leading PLC splitter manufacturer and factory! With a wide range of products to choose from, including FTTH PLC splitters,

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Find Plc splitter importers in Ukraine with trade data, HS codes, shipment records, ports & buyer details to support import export business growth.

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PLC Fiber Splitter 1X8 With SC APC Connector LGX

Buy High Reliability LGX PLC Splitter 1x8 for $\leq 10.5\text{dB}$ low IL and $\leq 0.2\text{dB}$ low PDL, is ideal for PON networks, data centers, FTTX, FTTH, etc.

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PLC Splitters

What is a PLC Splitter? A PLC splitter, or Planar Lightwave Circuit splitter, is a crucial passive optical device used in fiber optic networks. Its primary function is to divide a single optical signal into multiple

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PLC Splitters

PLC Splitters PLC (Planar Lightwave Circuit) beam splitter is a passive optical device commonly used in fiber optic communication networks to proportionally distribute

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Want to know PLC panel price India 2026? Discover real price ranges, top brands, I/O costs & expert tips to get the best deal. Get a free quote today!

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PLC Splitter

Get contact details & address of companies manufacturing and supplying PLC Splitter, LGX PLC Splitter, 1 X 16 Fiber Optic PLC Splitter across India.

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FBT vs PLC Splitter: Performance & Cost Comparison for PON Networks

Professional comparison of FBT and PLC optical splitters for PON networks. Analyze insertion loss, uniformity, cost, and application scenarios to choose the right splitter for GPON, XGS

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Fiber Optic Splitters - Selection Guide for FTTH Networks

According to Lightwave Online, FTTH growth is accelerating demand for high-performance passive fiber splitters worldwide. Whether you're deploying

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FBT vs PLC Splitters: A 2025 Comparison for Fiber

FBT splitters still maintain relevance for cost-driven installations. But their fundamental constraints around performance increasingly shift applications

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Sourcing PLC Splitter: A Complete Buyer's Guide

PLC Splitters offer better performance for high split ratios, uniformity, and wavelength stability. FBT Splitters are more cost-effective for small split

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PLC Splitter, Fiber Splitters, Always Ready for PON & FTTX

FS PLC Fiber Optic Splitters, Bare/Blockless/ABS/LGX Splitter/Rack Mount Types, support 1xN light distribution, with low IL and PDL for high-reliability transmission. Deploying compact FS PLC Splitters

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PLC Splitter Types: A Quick Selection Guide

Choosing the right PLC splitter can reduce network deployment and maintenance costs while improving signal transmission efficiency. FS offers PLC

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☐Online☐ PLC Splitter SC APC 1X2 PLC Singlemode Fiber Optical Splitter ...

Product Features: The PLC splitter products are of highest quality and highest reliability standard (ISO-9001 and Telcordia-1221-CORE compliant). The products are compact with beautiful appearance. It's

Contact Us

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