

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.

Sep 13, 2025

Fiber Optic Splitters | PLC & FBT Optical Splitters

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.

Mar 27, 2026

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.

Jul 10, 2025

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

Nov 27, 2025

2x32 PLC Fiber Splitter

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

Nov 15, 2025

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

Aug 25, 2025

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.

May 07, 2026

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

Aug 28, 2025

PLC Splitter: The Ultimate Guide to Efficient Light

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

Jan 14, 2026

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.

Oct 26, 2025

Buy fiber optic splitters online | ShopFiber24

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

Jun 22, 2026

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.

Nov 20, 2025

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.

Oct 20, 2025

Ftth PLC Fiber Splitter Price China, Fiber Optic PLC

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,

Jul 02, 2025

Plc splitter Importers in Ukraine | Trusted Buyers List

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

Jan 05, 2026

PLC Fiber Splitter 1X8 With SC APC Connector LGX

Buy High Reliability LGX PLC Splitter 1x8 for ≤ 10.5 dB low IL and ≤ 0.2 dB low PDL, is ideal for PON networks, data centers, FTTX, FTTH, etc.

May 05, 2026

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

Jan 21, 2026

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

Jun 08, 2026

PLC Panel Price India 2026 - Full Cost Breakdown Guide

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!

May 29, 2026

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.

Aug 03, 2025

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

Oct 29, 2025

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

May 20, 2026

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

Jun 02, 2026

Ftth PLC Fiber Splitter Price China, Fiber Optic PLC

Looking for top-quality fiber optic PLC splitters at unbeatable prices? Look no further than Phxfiber, China's leading PLC splitter manufacturer and factory! With a wide

Sep 18, 2025

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

Oct 27, 2025

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

May 22, 2026

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

Nov 29, 2025

☐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

For more information, pricing, or custom solutions, please contact us:

Website: <https://moletenare-ew.co.za>

Email: info@moletenare-ew.co.za

Phone: +86 138 1658 3346

Address: Ningbo, China

This document is for informational purposes only. Specifications subject to change without notice.

