

Article Overview

High-temperature resistant PLC optical splitters in Burkina Faso typically range from \$20 to \$200 depending on split ratio, quality, and environmental specifications.

Overview of PLC Optical Splitters

PLC (Planar Lightwave Circuit) splitters are passive optical devices used to divide a single optical signal into multiple outputs or combine multiple signals into one. They are widely used in PON networks (EPON, GPON, BPON, FTTH, FTTX) and are valued for high stability, low insertion loss, and environmental durability . High-temperature resistant models are designed for outdoor deployment, featuring weatherproof, dust-resistant housings suitable for harsh climates like Burkina Faso .

Price Range

- o Entry-level PLC splitters (e.g., 1x2, 1x4) generally cost \$20-\$50. These are suitable for small-scale or indoor networks .
- o Mid-range splitters (e.g., 1x8, 1x16) typically range from \$50-\$120, offering better insertion loss, higher reliability, and moderate environmental resistance .
- o Premium or high-capacity splitters (e.g., 1x32, 1x64) can cost \$120-\$200, featuring enhanced signal uniformity, low PDL, and high-temperature resistance for outdoor or industrial applications .

Key Specifications to Consider

- o Split Ratios: 1x2, 1x4, 1x8, 1x16, 1x32, 1x64
- o Insertion Loss: Lower values improve signal quality
- o Environmental Resistance: High-temperature, UV, and dust protection
- o Packaging Options: Bare fiber, ABS box, cassette, tray, or rack-mounted
- o Connector Options: Pre-terminated or connectorless for plug-and-play installation

Sourcing in Burkina Faso

While local distributors may be limited, international suppliers like FasoCom and Fronova offer customizable PLC splitters with high-temperature resistance and can ship to Burkina Faso . Bulk orders may reduce per-unit cost, and contacting suppliers directly is recommended for exact pricing, shipping, and warranty details.

Recommendation



Burkina Faso High Temperature Resistant PLC Optical Splitter Price

For outdoor or high-temperature environments, prioritize premium PLC splitters with robust housings and low insertion loss. Consider split ratio requirements based on network size and future scalability. Investing in quality splitters ensures long-term reliability and reduced maintenance costs.

A PLC Splitter is a component that splits the optical light power from one route into different routes. The Molex PLC Splitter offers

Furthermore, the PLC Optical Splitter Market Trend is shifting towards miniaturization and integration with other optical devices, while

PLC Based Fiber Optic Splitter Box Baymro Technology optical power of PLC Splitter evenly over the entire single-mode operating

Fiber splitter solutions from Maxcom featuring PLC technology, low insertion loss, and high reliability. Ideal

PLC Splitters are fabricated in a semiconductor process and can integrate different functional optical components onto a single chip.

Compare PLC Splitters and FBT Splitters for 2025. Learn about cost, performance, scalability, and which splitter suits

Explore our comprehensive selection of high-performance fiber optic splitters. We offer a variety of PLC splitter types, including ABS

PLC Splitter PHXFIBER, one of the leading PLC splitter manufacturers with over 15 years of industry

You can check our fiber optic splitters by PLC splitter in different packages or 1*N 2*N PLC fiber optic

Discover FBT vs PLC splitters in fiber optic networks. Learn key differences, pros & cons,

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

Discover fiber optic splitters with PLC technology, 1x2 to 1x128 options, SC/APC connectors, and CE certification for FTTH, PON

Source over 244 plc splitters for sale from manufacturers with factory direct prices, high quality & fast shipping.

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

An optical splitter is a crucial passive fiber optic device that splits and combines optical

Currently, two principal types of optical splitters have emerged to address the challenges of optical signal distribution:

Web: <https://kalutha.co.za>

