

Article Overview

Optical splitter prices vary widely depending on type, ratio, and supplier, with PLC splitters generally commanding higher prices than FBT splitters.

Current Price Range

According to price comparison platforms, optical splitters are available from multiple vendors with prices starting from approximately EUR5-EUR10 for basic fused biconical taper (FBT) splitters and ranging up to EUR50-EUR100 or more for planar lightwave circuit (PLC) splitters with higher port counts or advanced specifications . Prices fluctuate based on splitter ratio (e.g., 1:4, 1:8, 1:16, 1:32, 1:64), insertion loss, and manufacturer brand.

Market Context

The optical splitter market is experiencing steady growth, driven by FTTH deployments, 5G infrastructure expansion, and data center upgrades . Global shipments exceeded 50 million units in 2024, with PLC splitters accounting for roughly 65% of shipments and FBT splitters 35% . The market value is projected to grow from USD 864.83 million in 2026 to USD 912.39 million in 2027, reflecting a CAGR of 5.5% .

Factors Affecting Prices

- o Type of Splitter: PLC splitters are more expensive due to better uniformity, lower insertion loss, and higher port density .
- o Splitter Ratio: Higher ratios (e.g., 1:64) increase cost due to more complex manufacturing.
- o Regional Supply: Asia-Pacific dominates production, influencing global pricing; North America and Europe often see higher prices due to import costs .
- o Technological Innovations: Smart splitters with network monitoring or plug-and-play features can command premium prices .

Practical Considerations

- o For telecom operators, every 1 million new FTTH subscribers may require 18,000-42,000 splitters, highlighting bulk procurement as a key factor in pricing .
- o Data centers and enterprise networks are increasingly adopting PLC splitters for high-density applications, which can justify higher unit costs due to performance benefits . In summary, basic FBT splitters are inexpensive, while high-performance PLC splitters with larger port counts or advanced features are significantly more costly, and prices are influenced by market demand, technological advancements, and regional supply dynamics.

Price of optical splitters

1-16 of over 1,000 results for "fiber optic cable splitter" Results Check each product page for other buying options.

OZ Optics" miniature fiber optic Polarizing beamsplitters split incoming light into two orthogonal states. They can also be used to

NEWCARE Digital Optical Splitter 1 in 2 Out, SPDIF Toslink Optical Audio Cable Splitter 1x2 Support LPCM2.0 Doly Digital & DTS

Great deals on Optical Splitter. It's a great time to upgrade your home theater system with the largest selection at eBay.com. Fast &

2.994 Angebote zu Optischer Splitter im AV-Umschalter & Verteiler Preisvergleich. Bei idealo.de g#252;nstige Preise f#252;r Optischer

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

Beamsplitters & Combiners PM or SM Splitters/Combiners; 1550 nm, Other; Splitting Ratio 50/50-90/10;

Easily compare & choose from the best Best Optical Splitter for you. Don't buy a Best Optical Splitter in the US before

Optical Splitters at CPC. Competitive prices from the leading Optical Splitters distributor. Check our stock now!

Amazon.in: Buy BlueRigger Digital Optical Audio Splitter 1x2 (Active Toslink 1 in 2 Out, SPDIF, Fiber Optic

What is LGX PLC Splitters? LGX PLC splitters integrate the splitter with an LGX type module, thus this product can be used stand

Find Fibre Optic PLC Splitter in India. Buy Fibre Optic PLC Splitter at the best price from Norden Communication, one of the leading

Fiber optic splitters include PLC type fiber optic splitters and FBT type fiber optic splitters. Available in single mode and multimode



Price of optical splitters

Gerade bei komplexen Infrastrukturen sind sie für eine leistungsfähige Datenverteilung unverzichtbar. Fiber24 bietet eine breite

Discover fiber optic splitter prices for PLC splitters with SC/APC connectors, CE certified, ideal for FTTH/5G networks.

J-Tech Digital proudly introduces this latest generation SPDIF/ TOSLINK Digital Optical Audio 1x3 Splitter:

Web: <https://www.supremeacademicresearch.co.za>

