

Price of Box-Type Fiber Optic Splitter



AI Overview

Fiber optic splitter boxes typically range from \$20 to \$150 or more, depending on port count, technology, and form factor.

Price Overview

Small 4-port FTTH fiber distribution boxes: These are commonly used for home or small building installations and are priced around \$20–\$40 on platforms like Amazon . They usually include SC/APC adapters, fusion splice trays, and weatherproof enclosures suitable for indoor or outdoor use .

8-port or higher distribution boxes: Designed for larger residential or commercial deployments, these boxes can cost \$50–\$100+, depending on features like mid-span entry, high-density plastics, and support for mini splitters (1:8) for multiple subscriber connections .

PLC (Planar Lightwave Circuit) splitters: These are preferred for larger split counts (1x16, 1x32, 1x64) due to their precision and uniformity. Prices vary widely, typically \$30–\$150 depending on the split ratio and whether the splitter is bare, LGX cassette, or rack-mounted .

FBT (Fused Biconical Taper) splitters: More cost-effective for smaller split ratios (1x2, 1x4), usually priced \$10–\$50 per unit .

Factors Affecting Price

Port Count: More output ports increase the cost due to higher material and manufacturing complexity.

Splitter Technology: PLC splitters are more expensive than FBT splitters, especially for high split ratios.

Form Factor: Wall-mount, rack-mount, or outdoor-rated enclosures with weatherproofing and UV resistance can increase the price.

Included Accessories: Fusion splice trays, adapters, and protective tubes add to the overall cost.

Brand and Supplier: Prices vary between small business brands on Amazon and specialized fiber optic suppliers.

Summary

For typical FTTH or PON network deployments, a small 4-port splitter box costs around \$20–\$40, while larger 8-port or high-split-count PLC boxes can range from \$50 to \$150 or more. Choosing between PLC and FBT technology, as well as considering the installation environment (indoor vs outdoor), will influence the final price .

Article Content

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12 Core Fiber Distribution Box, 12 Port FTTH

Feature: 12 ports optical fiber distribution box is used for the fusion splicing, splitting, wiring transmission and other functions of the optical transmission terminal; It

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Amazon : Buy Axion 1x4 Fiber Optical Splitter upto

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Fiber Optic Splitters Factory

Fiber optic splitters include PLC type fiber optic splitters and FBT type fiber optic splitters. Available in single mode and multimode with 900µm loose tube fiber or

Amazon : Fiber Termination Box

GELRHONR FTTH Fiber Panel Box Enclosure,2 Core Fiber Optic Terminal Distribution Junction Box Double-Port SC/APC Type Panel Fiber Box ABS Plastic Outdoor Waterproof Dustproof DIY Case

ABS Box PLC Splitters Types Prices & Technical Specifications

What Is ABS Box PLC Splitters? ABS Box PLC Splitters is most commonly used in the PON networks. It provides the complete protection for inner optical components and cable, as well as designed for the

Contact Us

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