Price of Outdoor Fiber Optic Splitter

Overview

Wallmountable Outdoor Splitter Box provides a flexible fiber management system for transitioning outside plant cable to inside cable and connectorized assemblies.

Key Takeaways

Outdoor fiber optic splitters typically range from $10 to $150 per unit, depending on type, port count, and split ratio.

Overview of Outdoor Fiber Optic Splitters

Outdoor fiber optic splitters are available in PLC (Planar Lightwave Circuit) and FBT (Fused Biconical Taper) types.

PL

C splitters are more precise and suitable for larger networks, while FBT splitters are often used for smaller deployments or custom ratios. They can be single-mode or multi-mode and come with various connector options such as LC, SC, or FC, with weatherproof enclosures for outdoor installation.

Price Ranges

Small splitters (1x2, 1x4, FBT type): Typically $10–$30 per unit, suitable for short-range or low-density networks. Medium splitters (1x8, 1x16, PLC type): Usually $30–$80, often integrated into outdoor distribution boxes for FTTH applications. High-capacity splitters (1x32, 1x64, PLC type): Can cost $80–$150 or more, depending on the manufacturer and environmental protection features.

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Integrated Outdoor Distribution Boxes

Many outdoor splitters are installed inside fiber distribution boxes, which provide protection, splicing, and cable management. For example: 12-port outdoor distribution box with 1x8 PLC splitter: Supports up to 20-core fiber splicing, IP65-rated, suitable for wall or pole mounting. Prices for these boxes typically start around $50–$100, depending on features and quantity.

4-port outdoor splitter box: Includes SC/APC adapters and fusion splice trays, often priced around $30–$60 on retail platforms like Amazon.

Factors Affecting Price

Splitter type: PLC splitters are generally more expensive than FBT splitters. Port count and split ratio: Higher output ports and more complex ratios increase cost. Enclosure quality: Outdoor-rated, waterproof, UV-resistant boxes add to the price.

Quantity and supplier: Bulk orders from manufacturers can reduce per-unit cost. For accurate pricing, it is recommended to contact suppliers directly for quotes, especially for bulk or custom orders, as prices vary by region and specifications.

Article Content

Outdoor Optical Splitter Box CAN-OSB-102

Wallmountable Outdoor Splitter Box provides a flexible fiber management system for transitioning outside plant cable to inside cable and connectorized assemblies.

Outdoor Optical Splitter Box CAN-OSB-101

Canovate''s Outdoor Optical Splitter Box (CAN-OSB-101) is a wall-mountable outdoor splitter box, providing a flexible fiber management system for transitioning outdoor cable to indoor cable.

Splitters Fiber Optic Outdoor

Find durable splitters fiber optic outdoor solutions for FTTH and other networks. Wholesale prices on high-quality distribution boxes and terminal cabinets.

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Explore our collection of optical cable splitters and PON splitters for sale. Optical beam splitters are used to split the fiber optic light evenly into several parts at specific ratios. Buy optical splitters and passive

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[LARGE CAPACITY AND SIMPLIFIED CONNECTION] - The 8 core optical fiber distribution box can hold and split the optical fiber, making the connection process much simpler.

Fiber Optic Splitter

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Amazon : Fiber Distribution Box

Fiber Optic Distribution Box, 12 Port Wall Mount Enclosure with 12 LC Duplex Adapters, Singlemode, FTTH, IP65 Waterproof Outdoor/Indoor Use - 9.45" x 8.66" x 2.56"

Fiber Optic Splitters | PLC & FBT Optical Splitters

Explore our comprehensive selection of high-performance fiber optic splitters. We offer a variety of PLC splitter types, including ABS box, LGX cassette, and rack-mount options with multiple split ratios.

16 ports Fiber Splitter Distribution Box

It is quite convenient to open it for fiber optic pigtails or splitter assembly. You can pass through 2 pcs fiber optic cables and 1pcs 1:16 PLC fiber

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The FOA Reference For Fiber Optics

The Fiber Optic Association Fiber To The Home Handbook: For Planners, Managers, Designers, Installers And Operators Of FTTH - Fiber To The Home -

The FOA Reference For Fiber Optics

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PON splitters are bi-directional, that is signals can be sent downstream from the central office, broadcast to all users, and signals from the users can be sent upstream and combined into one fiber to

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FTVOGUE Optical Fiber Distribution Box, ABS FTTH Distribution Box

Helps protect internal fiber optic connection equipment during indoor or outdoor installation. Flexible MountingOptical Splitter Box supports outdoor wall mounted or pole mounted use,

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