Price of self-supporting butterfly-shaped drop fiber optic cable



Overview

The Self-Supporting Butterfly Optical Fibre Cable Market was valued at USD 945.5 Million in 2025 and is projected to reach USD 1.56 Billion by 2032, growing at a CAGR of 7.4%.

Key Takeaways

The price of self-supporting butterfly-shaped drop fiber optic cable typically ranges from $22 to $35 per kilometer for the fiber component, with total cable costs varying based on core count, strength members, and sheath type.

Market Pricing Overview

The cost of the optical fiber itself, such as G. 657A1 bend-insensitive fiber, is approximately $22 per kilometer as of March 2026, while higher-performance fibers like G. 657A2 can reach $35 per kilometer due to enhanced bend performance.

These prices reflect the global market for self-supporting butterfly optical fiber cables, which is growing steadily with a CAGR of 7. 42%, driven by FTTH deployment and aerial installation demand.

Supplier Pricing and Options

Qingdao Powtech offers self-supporting butterfly drop cables with flexible ordering, including small trial orders and free samples, with discounts available for bulk purchases. Delivery typically occurs within 2 weeks for small orders and up to 1 month for large orders.

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Jiangsu DMI

S Optoelectronic provides high-quality LSZH-sheathed butterfly cables with multiple core options (e.g., 4, 6, 8, 12 cores), emphasizing durability and flame retardancy. Pricing is generally negotiated based on order volume, core count, and customization.

Factors Affecting Price

Core Count: More cores increase material and manufacturing costs. Strength Members: Steel wire or FRP reinforcement affects tensile strength and cost. Sheath Material: LSZH or PVC sheaths influence safety, flexibility, and price.

Fiber Type: Bend-insensitive fibers (G. 657A1/A2) are more expensive than standard fibers. Order Volume: Bulk orders typically receive discounts, while small trial orders may be priced higher per unit.

Practical ConsiderationsSelf-supporting butterfly-shaped drop cables are designed for aerial, indoor, and short outdoor installations, providing easy splicing, high bandwidth, and mechanical robustness. When budgeting, consider both the fiber cost per kilometer and additional costs for installation, connectors, and shipping. In summary, for a standard self-supporting butterfly drop cable, expect $22–$35 per kilometer for the fiber, with total cable costs varying based on specifications, core count, and supplier terms.

Article Content

Global Self-Supporting Butterfly Optical Fibre Cable Market 2026

The Self-Supporting Butterfly Optical Fibre Cable Market was valued at USD 945.5 Million in 2025 and is projected to reach USD 1.56 Billion by 2032, growing at a CAGR of 7.4%.

Butterfly Type Indoor Drop Fiber Cable 2 4 Core FTTH Cable Price

The company offers ADSS cable, OPGW cable, Figure-8 fiber cable, Air-blowing fiber cable, FTTH drop cable, Underwater fiber cable and all installation accessories.

Self-Supporting Butterfly Optical Fibre Cable Market Size, Research ...

Self-Supporting Butterfly Optical Fibre Cable Market size is estimated to be USD 1.25 Billion in 2024 and is expected to reach USD 2.75 Billion by 2033 at a CAGR of 9.5% from 2026 to 2033.

Outdoor FTTH Drop Fiber Cable, Self-Supporting

FTTH outdoor drop cable (GJYXFCH/GJYXCH) is also called self-supporting butterfly drop optical cable which consists of a indoor butterfly cable and an

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GJYXCH Drop Fiber Optic Cable G.657A1 FTTH Butterfly Cable

The LF-087 GJYXCH series is a high-performance butterfly-type drop fiber optic cable designed for FTTH access. Featuring G.657A1 bend-insensitive fiber and optional LSZH/PE sheath, it ensures

Self-supporting Butterfly Gjyxfch Ftth Flat Drop Single Mode Fiber ...

Self-supporting Butterfly Gjyxfch Ftth Flat Drop Single Mode Fiber Optic Cable, Find Complete Details about Self-supporting Butterfly Gjyxfch Ftth Flat Drop Single Mode Fiber Optic Cable,Gjyxch G657a

Butterfly FTTH Drop Cables

Find high-quality butterfly FTTH drop cables for reliable fiber optic communication. Shop our range of self-supporting and durable optical cables for various needs.

Demand Patterns in Butterfly Drop Cable Market: Projections to 2034

The global butterfly drop cable market is poised for substantial expansion, driven by escalating demand for high-bandwidth connectivity and the continuous growth of fiber optic networks.

Self-Supporting Butterfly Lead-in Optical Fiber Cable

We are Cable manufacture and supplier, provide Self-Supporting Butterfly Lead-in Optical Fiber Cable Self-Supporting Butterfly Drop Cable on sale,factory price.

Outdoor Self-Supporting Single-Mode Single-Core

Outdoor Self-Supporting Single-Mode Single-Core Butterfly Drop Cable, Find Details and Price about Cable Fiber Optic Cable from Outdoor Self-Supporting Single

Self-supporting Butterfly Drop Cable | Fasten

Fasten has both butterfly drop cable and self-supporting butterfly drop cable. The cable weight ranges from 12 to 28 kg/km.

Self-Supporting Butterfly Drop Cable (GJYXFCH)

DESCRIPTION (GJYXFCH) Indoor/Outdoor self-supporting butterfly drop cable, the optical fiber unit is positioned in the center. two parallel Fiber Reinforced Plastics (FRP) are placed at the two sides. a

Butterfly Flat FTTH Drop Cable Figure 8 drop cable Price in china

FTTH drop cables, as previously mentioned, are located on the subscriber end to connect the terminal of a distribution cable to a subscriber''s premises. They are typically small diameter, low fiber count

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Self-Supporting Butterfly Drop Cable

Self-Supporting Butterfly Drop Cable It is mainly used as a fiber to the home (FTTH) and other fiber optic access (FTTx) network user introduction segment cabling

Outdoor FTTH Drop Fiber Cable, Self-Supporting Butterfly Drop Optic Cable

FTTH (Fiber to the home) drop cable, the outer skin is generally black and white, the diameter is relatively small, and the flexibility is good; the cross section is 8-shaped, the reinforcing member is

FTTH Drop Cable — Flat, Round, Self-Supporting | TTI Fiber

FTTH Drop Cable Last-Mile Fiber Flat, round, and self-supporting drop cables with G.657A bend-insensitive fiber for FTTH last-mile deployment.

6 – 12 Cores Drop Cable FTTH Butterfly Flat Type Indoor Drop Cable

What Is 6 – 12 Cores Drop Cable FTTH Butterfly Flat Type Indoor Drop Cable ? Product introduction FTTH Indoor Drop Cable uses butterfly flat structure, whose optical fiber unit is

Self-supporting Butterfly Drop Optical Fiber Cable

Looking for a reliable and durable self-supporting butterfly drop optical fiber cable? Our high-quality cable is perfect for your outdoor fiber optic installations

Contact Us

Continue your research online:

Website: https://bagyou.es
Technical inquiry: https://bagyou.es/project-enquiry.html

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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