

China-Europe Self-Supporting Butterfly-Shaped Drop Optical Cable



AI Overview

The China-Europe Self-Supporting Butterfly-Shaped Drop Optical Cable is a lightweight, durable fiber optic cable designed for outdoor aerial and last-mile connectivity, featuring a butterfly-shaped structure with reinforced strength members for high tensile and compressive resistance.

Key Features

- Butterfly-Shaped Design:** The cable has a unique groove structure that simplifies peeling, splicing, and installation, making it suitable for both overhead and indoor introduction.
- Reinforced Strength Members:** Two parallel FRP (Fiber Reinforced Plastic) elements or steel wire members provide excellent tensile strength and compressive resistance, protecting the optical fibers from mechanical stress.
- Lightweight and Compact:** Small outer diameter and simple structure reduce installation complexity and material usage while maintaining durability.
- Bending-Resistant Fiber:** Special optical fibers ensure stable communication transmission even under bending or environmental stress.
- Safety and Environmental Compliance:** Low smoke, halogen-free, flame-retardant sheath enhances safety and environmental protection.

Applications

- Fiber-to-the-Home (FTTH) and Fiber-to-the-Building (FTTB):** Widely used for last-mile connectivity in urban and suburban areas.
- Outdoor Aerial Installations:** Suitable for overhead deployment on poles or towers, providing reliable signal transmission in various weather conditions.
- Indoor Introduction:** Can be routed indoors from outdoor entry points to network distribution points.

Market and Manufacturers

- Global Market Growth:** The self-supporting butterfly optical cable market was valued at USD 945.5 million in 2025 and is projected to reach USD 1.56 billion by 2032, driven by increasing demand for high-speed broadband and FTTH deployments.
- Leading Chinese Manufacturers:** Key suppliers include Jiangsu DMIS Photoelectric Communic...

Article Content

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

The Self-Supporting Butterfly Optical Fibre Cable market represents a significant segment of the telecommunications industry, characterized by its unique design and deployment capabilities.

China Self-Supporting Butterfly Drop Fiber Optic Cable Manufacturer

Get a reliable self-supporting butterfly drop optical fiber cable, designed for outdoor installations. Experience durability and high quality for your networking needs. Achieve seamless connectivity today!

Self-Supporting Butterfly Lead-in Optical Fiber Cable

We are China Self-Supporting Butterfly Lead-in Optical Fiber Cable Self-Supporting Butterfly Drop Cable manufacture and supplier, You can get more details with

Global Self-Supporting Butterfly Optical Fibre Cable Market 2026

Self-Supporting Butterfly Optical Fibre Cable Market Size by Region. The global expansion of FTTH (Fiber-to-the-Home) deployment was a primary catalyst in 2025, as the demand

Global Self-Supporting Butterfly Optical Fibre Cable Supply, Demand

This report studies the global Self-Supporting Butterfly Optical Fibre Cable production, demand, key manufacturers, and key regions.

Gjyfxch Butterfly Fiber Optical Cable Self-Support Steel Wire Optic ...

Gjyfxch Butterfly Fiber Optical Cable Self-Support Steel Wire Optic Fiber Drop Cable FTTH

Butterfly Drop Indoor Fiber Optic Cable for Self-Supporting Access ...

The butterfly-shaped indoor optical cable for self-supporting access network is to place the optical communication unit in the center, place two parallel metal or non-metal reinforcing elements on both

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%.

Self-supporting Butterfly Drop Optical Fiber Cable Simple Structure ...

The optical fiber unit is positioned in the center, two parallel fiber reinforced plastics FRP/steel wire are placed at the two sides, A steel wire as the additional strength member is also applied, then the

1/2/4F Self-supporting Butterfly Drop Cable Black

Self-supporting Butterfly Drop Cable with central fiber core and dual strength members. Ideal for FTTH, aerial/duct installations, and harsh environments.

Custom Self supporting butterfly shaped introduction optical cable ...

Looking for a high-quality self-supporting butterfly-shaped introduction optical cable GJYXCH? Check out Yancheng Jingze New Material Technology Co., Ltd. for the best products

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

Self-supporting butterfly-shaped optical cable

The invention discloses a self-supporting butterfly-shaped optical cable, which comprises a reversing device and a tightening device, the optical cable comprises a bearing device...

GJYXFCH Cable Self-supporting optic cable FTTH

GJYXFCH Cable is Self-supporting butterfly entry cable, which places the optical fiber in the center, place two parallel steel wires on both sides as reinforcing

Global Self-Supporting Butterfly Optical Fibre Cable Market Research ...

This report segments the global Self-Supporting Butterfly Optical Fibre Cable market comprehensively. Regional market sizes, concerning products by Type, by Application, and by

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

China Butterfly Drop Optical Fiber Cable Manufacturers

The Butterfly Drop Optical Fiber Cable represents cutting-edge innovation in optical communication technology. Manufactured by Yancheng Jingze New Material Technology Co., Ltd., this cable is

Europe Self-Supporting Butterfly Optical Fibre Cable Market ...

A Self-Supporting Butterfly Optical Fibre Cable is a type of optical fibre cable that is designed to be self-supporting and can be installed without the need for additional support...

1core G652D/G657A1/G657A2 FRP Gjxh Butterfly Drop

1core G652D/G657A1/G657A2 FRP Gjxh Butterfly Drop Cable Self-Supporting Outdoor Optical Drop Cable, Find Details and Price about G652D Optic Cable

Custom Self supporting butterfly shaped introduction optical cable ...

Experience the advanced self-supporting butterfly-shaped GJYXFCH optical cable by Yancheng Jingze New Material Technology Co., Ltd. Ideal for your requirements, this innovative solution stands out in

Self-supporting Butterfly Drop Optical Fiber Cable

Product Picture: Product Presentation: The GJYXCH self-supporting butterfly lead-in cable is tested outside the GJXH cable with an additional reinforcement element

Self-supporting Butterfly Drop Optical Fiber Cable

Looking for a reliable self-supporting butterfly drop optical fiber cable? Explore our range of durable, high-performance cables for your project needs.

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

Self-supporting Flat Drop Cable Types Prices & Technical Specifications

Self-supporting Flat Drop Cable- Types, prices and technical specifications
Producer,Manufacturer,Wholesaler China

Contact Us

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