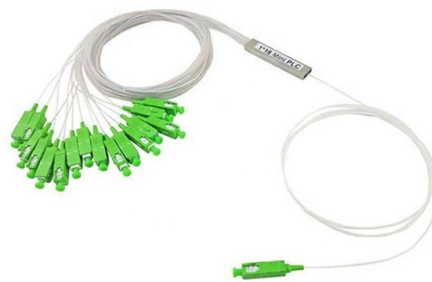


## Construction of Single-Core Self-Supporting Butterfly-Shaped Optical Cable



### Overview

The optical-power composite cable comprises a butterfly sheath, and characterized in that an optical communication unit is internally laid in the center the butterfly sheath, wires are internally laid on two sides of the butterfly sheath, and a hanging line is. The optical-power composite cable comprises a butterfly sheath, and characterized in that an optical communication unit is internally laid in the center the butterfly sheath, wires are internally laid on two sides of the butterfly sheath, and a hanging line is. The utility model relates to a self-supporting butterfly optical-power composite cable having functions of electric conduction and optical transmission. Their flat, butterfly-shaped structure combines optical fibers with strength members, making them ideal for indoor wiring, drop cable installations, and last-mile network. Eureka AIR delivers breakthrough ideas for toughest innovation challenges, trusted by R&D personnel around the world. What is AI technical title?

AI technical title is built by PatSnap AI team. In this way, the multiple splicing. For self-supporting access network, the butterfly introduction of indoor optical cable positions the communication unit in the center, with two parallel non-metallic strength members (FRP) placed on both sides. Additionally, an outer steel wire strength member is attached, and finally, it is. FTTH Drop Cables are designed to connect the fiber access point to the ONT on the home in a FTTH network. two parallel Fiber Reinforced Plastics (FRP) are placed at the two sides. then the cable is completed with a black or.

## Article Content

CN115390202A

The invention discloses a reinforced self-supporting butterfly-shaped optical cable which comprises an optical cable body, wherein a reinforced protection assembly is movably arranged in the optical cable

Four -end connection methods of butterfly -shaped optical fiber optic cable

Butterfly-shaped optical fiber cables, also known as ribbon fiber optic cables, are a type of fiber optic cable that contains multiple fibers within a single flat ribbon. This design allows for easy

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

CB6320 GJYXFC Self-supporting Butterfly-shaped

The GJYXFC butterfly drop cable is engineered for FTTH networks. Its steel wire core allows for aerial self-support, while the LSZH jacket ensures safety. Easy to

Self-Assembly and Polymorphic Transformation of Butterfly-Shaped ...

In summary, complex organic micro/nanocrystals with a centrosymmetric cube morphology and noncentrosymmetric butterfly shape were first fabricated through self-assembling of silica windmill

CN115390202A

The invention aims to provide a reinforced self-supporting butterfly-shaped optical cable, which solves the problems that the conventional self-supporting butterfly-shaped...

Butterfly shaped fiber optic cable for self-supporting access network ...

The butterfly shaped fiber optic cable for self-supporting access network (used for outdoor overhead introduction) is made by placing the optical communication unit (fiber optic) at the center, placing two

Self-supporting bundling forming butterfly-shaped optical cable ...

Each butterfly-shaped optical cable unit comprises an outer sheath, an optical cable core is arranged in the outer sheath, reinforcing pieces are symmetrically arranged on the two sides of the optical cable

Indoor butterfly covered optical cable: from definition to application ...

It has the characteristics of indoor soft fiber optic cable and self-supporting fiber optic cable, and has the advantages of light weight, small outer diameter, good softness and bending

1 Core FTTH Flat Drop Optical Cable, self-supported out Application

G.657/A2 - SM - 1 fo -0.45mm Steel BLI A/B - LOW FRICTION - LSZH - 2.0 X 5.0MM - BLACK This kind of FTTH self-supporting butterfly fiber optic cable is added in the GJXFH / GJXH fiber optic cable and

US Patent Application for MINIATURE AND EASY-TO-STRIPPING BUTTERFLY ...

In order to solve this technical problem, the application proposes: A miniature and easy-to-stripping butterfly-shaped photoelectric composite communication optical cable, comprising an optical cable

CN206096569U

The self -supporting butterfly -shaped optical cable unit is equipped with reinforcement member and inner sheath and is constituted by the reinforcing member of optic fibre and optic fibre both sides on

Integration of self-standing X

To route, distribute and combine light signals throughout multichannel optical system, optical couplers, and optical splitters can play a significant role. Here we fabricate and characterize

CN103354119A

The invention relates to a self-supporting butterfly-shape optical-electrical hybrid cable. The cable comprises a suspension wire coating layer (1), a butterfly sheath (2), a suspension wire (4), leads (5)

Optical fiber low-frequency vibration sensor based on Butterfly-Shape ...

In this paper, a novel and in-line fiber low-frequency vibration sensor based on Butterfly-Shape Mach-Zehnder Interferometer is proposed and demonstrated experimentally. The sensing

GJYXCH Self-supporting Butterfly Lead-in Fiber Optical Cable with

The butterfly optical cable is the novel user access optical cable which combines the characteristics of the indoor soft optical cable and the self-supporting optical cable together, the it is the best

Butterfly Flat FTTH Drop Cable | FS

GJXFH FTTH Indoor Drop Cable uses butterfly flat structure, whose optical fiber unit is positioned in the centre. Two parallel Fiber Reinforce Plastic (FRP) strength members are placed at the two sides.

Self-supporting butterfly-shaped leading-in optical cable convenient ...

In the prior art, the self-supporting butterfly-shaped drop cable has a butterfly-shaped lead-in unit, a connecting rib, and a self-supporting body, which is only suitable for self-supporting laying.

CN112198612A

The invention belongs to the technical field of communication optical cables, in particular to a self-supporting butterfly-shaped drop-in cable that is convenient for construction, which has a butterfly

Self-supporting Butterfly-shaped Introduction Indoor Optical Cable for ...

For self-supporting access network, the butterfly introduction of indoor optical cable positions the communication unit in the center, with two parallel non-metallic strength members (FRP) placed on

Self-Supporting Butterfly Drop Cable (GJYXFCH)

Single steel wire or messengers as the additional strength member ensures good performance of tensile strength. Simple structure, light weight and high practicability. Novel flute design, easily strip and

## Contact Us

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