Identification on butterfly-shaped optical cable

Overview

FTTH Butterfly Optic Cables, also known as flat drop fiber cables, feature a compact flat profile with optical fibers placed at the center and reinforced by parallel strength members on both sides. The outer sheath is typically LSZH or PVC, optimized for indoor and outdoor. Butterfly-shaped optical fiber cables are a popular type of fiber optic cable that is commonly used for data transmission in telecommunication networks. They are called butterfly-shaped due to their unique design, which features a flat shape with two parallel fiber ribbons running down the center. The invention belongs to the technical field of optical cables, and discloses a butterfly-shaped drop-in optical cable for communication, which has a fitting part (1), a plurality of protection bodies (2), a plurality of butterfly-shaped drop-in units (3), a protective layer (4), The outer sheath. As the name suggests, FTTH butterfly optic cables are so - named due to their cross - sectional shape, which resembles the wings of a butterfly. These cables are a type of fiber optic cable specifically designed for use in FTTH networks, where they play a crucial role in delivering high - speed. Here are some key areas where butterfly cables shine: Data Centers and Networking: Butterfly cables are ideal for high-density data centers. This

design allows for easy installation and termination, as multiple fibers can be spliced or connected at once.

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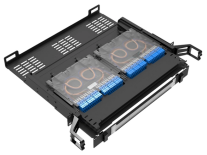
Butterfly Fiber optic cables are specifically designed for use in indoor environments, often in confined spaces such as inside buildings or data centers. They are named for their flat, strip-like shape, which ...



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AI technical title is built by PatSnap AI team. It summarizes the technical point description of the patent document. Its filling feature does hold the butterfly sub-cable sheath, but it is not convenient for quick ...

They are called butterfly-shaped due to their unique design, which features a flat shape with two parallel fiber ribbons running down the center of the cable. There are several ways to ...

The invention belongs to the technical field of optical cables, and discloses a butterfly-shaped drop cable for communication.

The cable is simple in structure, easy to manufacture, low in material consumption, low in cost, easy to strip, high in universality, good in replaceability, resistant to pressure and wide in application.

One of the most significant advantages of butterfly optic cables is their flat and compact design. The cross - sectional shape of the cable, similar to that of a butterfly''s wings, allows it to ...

The invention relates to a butterfly-shaped optical cable which comprises a sheath with a rectangular cross section, wherein an optical fiber unit is coated in the middle of the sheath,...

Two parallel FRP (Fiber Reinforced Plastic) elements enhance compression resistance and protect the optical fibers. Simple structure, lightweight, and practical design for easy deployment.

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 ...

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