

## Upper side of 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. 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, reinforcing parts are arranged on the upper side and the lower side of the sheath corresponding to the optical. Butterfly-shaped optical fiber cables are a popular type of fiber optic cable that is commonly used for data transmission in telecommunication networks. An additional steel wire strength member is attached to the outer side, followed by extrusion with black low smoke. Abalone Tech's 1/2/4F Self-supporting Butterfly Drop Cable is designed for aerial and duct installations in FTTH (Fiber-to-the-Home) and telecom networks.

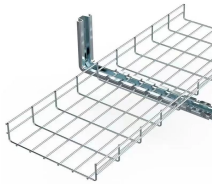
## Upper side of butterfly-shaped optical cable



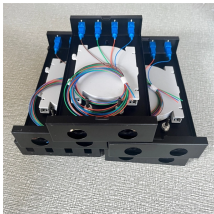
For conduit entry of optical cables, the butterfly introduction places the communication unit at the center, with two parallel non-metallic strength members (FRP) placed on both sides.



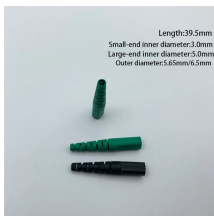
Butterfly shaped fiber optic cable for self-supporting access network (GJYX (F) CH)



The cable features a central optical fiber unit, two parallel strength members on either side, and an additional stranded steel wire for enhanced tensile support. This robust structure is then completed ...



The present application discloses a miniature and easy-to-stripping butterfly-shaped photoelectric composite communication optical cable, comprising an optical cable part and a cable part fixedly ...



FTTH Butterfly Optic Cables typically use single-mode fibers such as G.657A1 or G.657A2, which offer superior bend resistance. These fibers are optimized for tight indoor routing and reduce signal loss in ...



Pigtail splicing is a method of connecting butterfly-shaped optical fiber cables that involves splicing a short length of fiber optic cable to the end of the butterfly-shaped cable.



FTTH Drop Cables are designed to connect the fiber access point to the ONT on the home in a FTTH network. It offers an efficient and economical solution for deploying fiber in FTTH network.



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 ...



8-shaped butterfly fiber optic cable 8-shaped butterfly fiber optic cable Specially used for the final connection from the optical splitter in the hallway to the optical modem in the user's home ...



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,...

## Contact Us

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