

Two-core butterfly-shaped drop fiber optic cable



Article Overview

A two-core butterfly-shaped drop fiber optic cable features two single-mode fibers at the center, flanked by parallel FRP strength members, encased in a flat LSZH sheath for indoor FTTH deployment.

Cable Structure

The cable has a flat, wing-shaped (butterfly) cross-section, designed to minimize stress on the fiber during installation. At the center are two single-mode optical fibers, typically G.657A1 or G.657A2, which are bend-insensitive and suitable for tight-radius routing in indoor environments (). On either side of the fiber cores are parallel FRP (fiberglass reinforced plastic) rods that act as strength members, providing mechanical support and protecting the fibers from compression or pulling forces (). The entire assembly is encapsulated in a durable LSZH (Low Smoke Zero Halogen) jacket, which is flame-retardant and safe for indoor use, especially in public or commercial buildings where fire codes are strict ().

Key Specifications

- Fiber Type: Single-mode G.657A1 or G.657A2, optimized for small bending radii and high bandwidth ().
- Strength Members: Two parallel FRP rods, non-metallic for safety and lightning protection ().
- Sheath Material: LSZH, providing low smoke emission and halogen-free flame resi...

Article Content

Jun 27, 2026

2 Core Fiber Optic Drop Cable

2 Core Fiber Optic Drop Cable with Single Mode FTTH, Steel Strength Member, and Butterfly Flat Shape. Ideal for wall-mounted and

Feb 16, 2026

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

Jul 01, 2026

GJXH 2 Core Fiber Optic Drop Cable Butterfly For Indoor Telecom ...

Fiber Optic Drop Cable GJXH 2core Butterfly Indoor Telecom Communication
Description : The dished lead-in optical cable (for

Jan 31, 2026

Future-Proof Connectivity Unleashing 2-Core Fiber Drop Cable

The Fundamentals of 2 Core Fiber Drop Cables At its core, a 2 core fiber drop cable consists of two individual optical

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Butterfly Flat FTTH Drop Cable

Butterfly flat FTTH Drop Cable adopts a butterfly flat structure design, a fiber unit in the center, and two FRP strength members

May 11, 2026

Outdoor FTTH Drop Fiber Cable, Self-Supporting

FTTH outdoor drop cable (GJYXFCH/GJYXCH) is also called self-supporting butterfly drop optical cable

Jan 10, 2026

2 Core FTTH Fiber Drop Cable G.657A2 FRP LSZH GJXFH

FTTH Drop Fiber SM 9/125 OS2 G.657A2 FRP Strength Member LSZH Butterfly Flat FTTH Drop Cable GJXFH The

Jul 23, 2026

Butterfly Indoor FTTH Drop Cable

Butterfly FTTH drop cable is a popular type of fiber access optical cable, according to the different application environment and laying

Oct 21, 2025

2 Core FTTH Drop Cable Self-Support G.657A2 FRP LSZH GJYXFCH

2 Core FTTH Drop Cable Self-Support GJYXFCH SM 9/125 OS2 G657A2 with 2 FRP in Parallel As Strength member

Oct 06, 2025

Best Indoor Butterfly GJXH FTTH Drop Fiber Optic

Explore the details, specifications and video of our Indoor Butterfly GJXH FTTH Fiber Optic Cable, and

Sep 02, 2025

Outdoor Single Mode FTTH Drop Fiber Cable

Outdoor Single Mode FTTH Drop Fiber Cable - 2 Cores BSF-ODSMFC2 Broadstick provides high quality fiber optic cables compliant

Mar 08, 2026

4 Core FTTH Fiber Drop Cable G.657A2 FRP LSZH GJXFH

4 Core FTTH Drop Cable GJXFH SM 9/125 OS2 G657A2 with 2 FRP in Parallel As Strength member LSZH Sheath

Mar 18, 2026

2-8F Butterfly Flat Indoor FTTH Drop Cable assemblies.pub

Product introduction FTTH Indoor Drop Cable uses butterfly flat structure, whose optical fiber unit is positioned in the

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Outdoor FTTH Drop Fiber Cable, Self-Supporting

The large-scale use of FTTH Fiber Optic Drop Cable in FTTX projects mainly uses two splicing methods:

May 15, 2026

2 Core FTTH Fiber Drop Cable G.657A2 FRP LSZH

FTTH cables are ideal for indoor cabling, end users directly cabling, and access network. The optical fiber

Feb 26, 2026

1/2/4F Butterfly Drop Cable

1/2/4F Butterfly Drop Cable Abalone Tech's Butterfly Drop Cable is a compact, lightweight fiber optic cable featuring a design where

Feb 06, 2026

2 Fiber FTTH Drop Fiber SM G.657A2 FRP LSZH GJXFH

2 Core Marking: OEM Product Length: 1000 m/Drum Certificate: Should be included for all Wood packing Application:

Oct 05, 2025

FTTH Fiber Cable 2 Core Bow Type with Steel Wire

Hone 2 core ftth fiber cable GJXH is a butterfly drop cable with 2 wire mental reinforcement and low smoke

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GJXH 2 Core Fiber Optic Drop Cable Butterfly For

The optical cable has simple structure, light weight and strong practicability; Unique groove design, easy to

Sep 03, 2025

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

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

Apr 13, 2026

2 cores 2x3mm Butterfly flat FTTH drop cable

Butterfly flat drop cable uses special low-bend-sensitivity fiber to provide high bandwidth and excellent

Apr 14, 2026

Butterfly cables, Butterfly fiber optic cables

Butterfly Fiber optic cables are specifically designed for use in indoor environments, often in confined spaces such as inside buildings

Apr 16, 2026

1 Core, 2 Core, 3 Core Butterfly Drop Cable

The outdoordrop cable has a self-supporting hanging wire in a figure-8 shape. The drop cable is generally divided into 1 core, 2 cores

Jun 19, 2026

2 Core optical fiber cable

2 core optical fiber cable either called optical drop wire, it play an important part of FTTH network, built the

Apr 22, 2026

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

Mar 07, 2026

Gjxh 2 Core Fiber Optic Drop Cable Butterfly for Indoor Telecom ...

Constructed with 1.2.4 fiber counts with G652D and G657A for options. Simple structure and light weight, good strippability for easy

Nov 02, 2025

2 Fiber FTTH Drop Fiber SM G.657A2 FRP LSZH GJXFH

FTTE / FTTZ (fiber-to-the-telecom-enclosure or fiber-to-the-zone) is a form of structured cabling typically used in

Contact Us

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