

2-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

May 29, 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

May 17, 2026

1/2/4F Self-supporting Butterfly Drop Cable Black 2.0×5.0mm

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

Sep 04, 2025

2 Core Butterfly Indoor FTTH Fiber Optic Cable

2 Core Butterfly Indoor FTTH Fiber Optic Cable Note: We can print your brand name on the outer sheath of

Jun 13, 2026

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

Dec 23, 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

May 08, 2026

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

Apr 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

May 25, 2026

Best Indoor Butterfly GJXH FTTH Drop Fiber Optic Cable 1F 2F 4F 6F ...

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

May 30, 2026

Outdoor FTTH Drop Fiber Cable, Self-Supporting

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

Aug 13, 2025

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

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

Apr 30, 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

Jul 07, 2026

Fiber Drop Cables

Fiber Optic Cable, Drop, Outdoor Arid Core Gel-Free Tubes, Double Jacket Dielectric

Jun 21, 2026

GJYXCH Drop Fiber Optic Cable G.657A1 FTTH Butterfly Cable

The LF-087 GJYXCH series is a high-performance butterfly-type drop fiber optic cable designed for FTTH access. Featuring

Nov 14, 2025

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

Jan 29, 2026

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

Jan 22, 2026

Butterfly Flat FTTH Drop Cable

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

Sep 25, 2025

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:

Jul 29, 2025

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

Sep 23, 2025

Butterfly Flat FTTH Drop Cable Figure 8 drop cable Price in china

Butterfly Flat FTTH Drop Cable Figure 8 drop cable Widly Use In FTTH Network and usually use G657A2 Core And Metal Or KFRP

Jan 02, 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

Mar 23, 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

Jul 11, 2026

Butterfly Flat FTTH Drop Cables | OMC Butterfly Cables

Our Butterfly Flat FTTH Drop Cable is an exceptional choice for providing fast and stable internet

Mar 07, 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

Feb 03, 2026

1, 2core, G657A2, LSZH Sheath, Butterfly Flat Indoor

We are Fiber Optic manufacture and supplier, provide 1, 2core, G657A2, LSZH Sheath, Butterfly Flat

Dec 28, 2025

Butterfly cables, Butterfly fiber optic cables

Butterfly Fiber optic cables are specifically designed for use in indoor environments, often in confined

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.chromadecksigns-eastrand.co.za>

Email: sales@chromadecksigns-eastrand.co.za

Phone: +32 2 318 5792

Address: Avenue Louise 500, 1050 Brussels, Belgium

This document is for informational purposes only. Specifications subject to change without notice.

