

How many meters is a reel of butterfly-shaped optical cable



AI Overview

A typical reel of butterfly-shaped optical cable contains between 500 and 2,000 meters of cable.

Butterfly-shaped optical cables, commonly used in FTTH (Fiber to the Home) networks, feature a flat profile with two parallel fiber ribbons running down the center, which makes them easier to route in tight indoor spaces and across building infrastructure. The exact length of cable on a reel depends on factors such as fiber count, cable jacket type, and manufacturer specifications.

Typical Reel Lengths

- Standard indoor/outdoor FTTH reels: 500–1,000 meters
- High-volume reels for large projects: up to 2,000 meters
- Shorter reels: 100–300 meters, often used for patch cords or pigtail interconnections

Considerations for Installation

- Fiber count and ribbon configuration: Higher fiber counts may reduce the total length per reel due to increased cable diameter.
- Cable type: Indoor-rated, outdoor-rated, or dual-environment cables may have different reel lengths.
- Handling and storage: Reels are designed to prevent microbending or fiber dama...

Article Content

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Modular Advanced Reel System Reels (MARS)

AFO Military Modular Advanced Reel System (MARS) Reel - 100 Meter OCC is pleased to introduce the Modular Advanced Reel

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Fiber Optic Cable Reels for Mobile and Rugged Deployments | Foss

It is available in three sizes, accommodating 100, 250, or 500 meters of cable. The specified capacity is based on a 5.5 mm (4-fiber)

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Butterfly cable transmission distance

The transmission distance of this type of cable is determined by several factors, including the type of fiber used, the

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Butterfly Drop Cable

Butterfly Drop Cable It is mainly used as a fiber to the home (FTTH) and other fiber optic access (FTTx) network user introduction

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FTTH – Round Drop Armoured Butterfly-Shaped Cable

Briticom ® offers Armoured Butterfly-Shaped Cable as well as a wide range of indoor and outdoor fibre

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FTTH Butterfly Optic Cable

The Multi Loose Tube Non-Metallic Fiber Optic Cable is designed for outside plant, which is prone to electrical interference.

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BX-05 Portable Industrial Metal Fiber Optic Cable Reel

It supports fiber optic cables ranging from 100 to 1500 meters in length, making it

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Buy Fiber Optic Cable Reels

Fiber Optic Cables Online shopping for Reels of Fiber Optic Cables. We carry a vast selection of items from the best brands.

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How FTTH Butterfly Optic Cables Reduce Installation Complexity

FTTH Butterfly Optic Cables are a significant advancement in fiber network deployment. Their flat, flexible, and

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Fibre Optic Cable Drums

Fibre Optic Cable Drums CD Range of Cable Storage and Deployment Reels Designed for cable storage and deployment these units

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Reel Calculator

Whether you need to determine how much wire fits on a specific wire gauge calculator, calculate inventory for a production run, or

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Cable Reel Capacity Calculator || Drum Capacity Calculator

With our easy cable reel capacity calculator, you can calculate the maximum reel, spool or drum capacity. In other words, it

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Reel Dimensions

Applied for aerial installation on transmission towers, lamp posts, between buildings and constructions. Applied in the construction of

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Pipeline Butterfly-shaped Introduction Optical Cable□GJYXFHS□

For conduit entry of optical cables, the butterfly introduction places the communication unit at the center, with two parallel non

Jun 18, 2026

G657A1/A2 Singlemode Butterfly Type Drop Fiber Optic Cable

Main products are optical fiber cables, data cables, communications cables etc. Its yearly productive capabilities are 4 million core

Sep 19, 2025

A Method to Calculate the Capacity of a Reel or

It is often necessary to determine how much of a given cable or wire will fit onto a spool or reel. This article provides a relatively

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Outdoor Single Mode Butterfly Fiber Optic Cable

Although it is said that outdoor single-mode butterfly fiber optic cable is widely used for long-distance transmission in

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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

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Fiber Optic Cable Reels for Mobile and Rugged

Foss provides durable fiber optic cable reels for mobile, tactical, and industrial applications. Designed for

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Reel Length Calculator

By entering the outer diameter, core diameter, and material thickness, the calculator quickly determines the

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Cable Reel Capacity Calculator || Drum Capacity Calculator

With our easy cable reel capacity calculator, you can calculate the maximum drum capacity or the length of a cable in a certain reel

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Butterfly leather line optical cable

The Butterfly leather line optical cable, also known as a butterfly ribbon cable, is a type of fiber optic cable that offers

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Reel Calculator

Reel Capacity Calculator When placing an order, it's important to know how many reels you can expect. To know how much wire or

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Calculate the number of meters in a roll of fabric or reel of cable

In industry, sometimes we look at a roll of fabric or a reel of cable and we need to get an idea of how many meters

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Modular Advanced Reel System (MARS®) Reel

OCC's Modular Advanced Reel System (MARS ®), the industry's first lightweight cable deployment reel

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Reel Calculator

At Encore Wire, we always put our customers first. We continue to look toward the future of our planet, at our resources, our

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Unveiling the Beauty and Efficiency of FTTH Butterfly Optic Cables ...

Unlike traditional round cables, butterfly optic cables offer a streamlined solution for seamlessly weaving through

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AFO Military Modular Advanced Reel System (MARS) Reel

AFO Military Modular Advanced Reel System (MARS) Reel - 100 Meter. Purchase all your military spec cabling from Cables Plus USA.

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What's the length of a typical reel of OSP cable?

I'm trying to understand how many splices I should expect (roughly) in a "typical" length of OSP fiber for a utility type pull (144 OS2,

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Fiber Reel Length Planning — Splice Cost Guide | Drafttech

How fiber cable reel length affects splice count and cost — a guide to reel planning, slack loops, and minimizing field

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GJYXFHS Pipeline Butterfly-shaped Introduction Optical Cable

Pipeline Butterfly-shaped Introduction Optical Cable is engineered for efficient conduit entry of optical cables, offering robust

May 04, 2026

Self-Supporting Butterfly Drop Cable (GJYXFCH)

DESCRIPTION (GJYXFCH) Indoor/Outdoor self-supporting butterfly drop cable, the optical fiber unit is positioned in the center. two

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Butterfly -shaped optical fiber optical cable side connection method

They are called butterfly-shaped due to their unique design, which features a flat shape with two parallel fiber ribbons running down

Contact Us

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