

Libya butterfly-shaped optical fiber cable 24 cores



Overview

The cable is set to land in Libya by the end of 2025. The 8,700km 24-pair fiber optic cable offering 20Tbps of capacity per fiber pair will connect Morocco, Portugal, Spain, France, Algeria, Tunisia, Italy, Greece, Cyprus, and Egypt. Libyan Fiber Optic Network (LFON) is a unrepeated submarine cable system that is connected to 13 cable landing stations. It is operational since 1999 and privately owned by Libyan Post Telecommunications and Information Technology Company (LPTIC Holding). This 8,700-kilometre fibre-optic network, encompassing 24 fibre pairs and a capacity of 20 terabits per second per pair, is set to connect 11 countries across. Fiber optic cable is a cable containing one or multiple optical fibers that are used to transmit the signal. The optical fiber elements are typically individually coated with layers and contained in a protective tube suitable for the environment where the cable will be deployed. “Medusa was born with the goal of being the most important cable in the Mediterranean and, to achieve. The Submarine Cable Map is a free and regularly updated resource from TeleGeography.



Article Content

Apr 08, 2026

24 Cores GYTS Fiber Optic Cable_HuaDong Cable & Wire

Professional 24 Cores GYTS Fiber Optic Cable Manufacturer-HuaDong Cable Group supply 24 cores gyts fiber optic cable with factory price to Malaysia,Yemen,

Apr 19, 2026

Butterfly cables, Butterfly fiber optic cables

As a manufacturer and supplier of butterfly cables, we specialize in producing cables that are easy to handle, highly flexible and bendable. They are typically designed

Mar 05, 2026

Libya's Digital Leap Forward with Medusa Cable Integration

This 8,700-kilometre fibre-optic network, encompassing 24 fibre pairs and a capacity of 20 terabits per second per pair, is set to connect 11 countries

May 27, 2026

Migration towards All-Optical Networks: A Case Study of Optical

The general approach of this work is all about specifically over-viewing the fiber connection services in all-optical networks. It highlights the key components used in transition to fully optical network,

Feb 10, 2026

Libya Optical Fiber FTTX

Key Features: 144 cores for high-density fiber management 6 trays with 12 SC type duplex LC flangeless adapter panels and 12 slots for 24 cores splicing Adapters included for seamless

Dec 16, 2025

Medusa subsea cable to land in Libya

The cable is set to land in Libya by the end of 2025. The 8,700km 24-pair fiber optic cable offering 20Tbps of capacity per fiber pair will connect

Oct 13, 2025

Butterfly -shaped optical fiber optical cable

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

May 30, 2026

Libyan Fiber Optic Network (LFON) submarine cable system

Libyan Fiber Optic Network (LFON) is a unrepeated submarine cable system that is connected to 13 cable landing stations. It is operational since 1999 and privately owned by Libyan

Mar 28, 2026

OMC Cable | Custom Fiber Optic Cable Manufacturers & Producers

OMC Cable is a leading fiber optic cable producer, offering custom solutions. High-quality cables for telecom, FTTH, and network

Dec 21, 2025

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

Fusion splicing is a process of joining two optical fibers together by melting their ends with an electric arc. Fusion splicing is the most common method used to connect butterfly-shaped optical fiber optic

Feb 16, 2026

24 Cores Distribution Fiber Optic Cable

Quality of the product is tested according to IEC Standards. Excellent crush and tensile resistance. Available in Single mode or Multi mode according to the demand of the customers.

Feb 12, 2026

Submarine Cable Map

TeleGeography's comprehensive and regularly updated interactive map of the world's major submarine cable systems and landing stations.

May 09, 2026

FTTH Butterfly Optic Cables: A Comprehensive Guide

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

Jun 14, 2026

Libya's Optical Fiber Cables Market Report 2026

Imports by Country In 2025, Portugal (X tons) constituted the largest optical fiber cables supplier to Libya, with a X% share of total imports. Moreover, optical fiber cables imports from

May 27, 2026

Libya's Digital Leap Forward with Medusa Cable Integration

Libya has formally integrated into the Medusa subsea cable system, marking a pivotal advancement in its telecommunications infrastructure. This

Oct 05, 2025

Medusa and Libyan United International partner to land

Tripoli, 8 November 2023. Libyan United International for Telecommunication and Technology (LUIC), a leading data service provider in North Africa and Sub

Mar 14, 2026

Hatifa Libya, U.S. Infinera sign deal to upgrade Libya's

Hatifa Libya, part of state-run Libyan Telecommunication Holding Company LPTIC, has signed this week an agreement with California-based

Jun 07, 2026

3M Fiber Cable

3M | 24 Fiber Bitube, Gel Filled Cable with Glassyarn, Single-Mode 9/125µm, LSZH, OS2 ..

Nov 27, 2025

Libya's Optical Fibers and Bundles Market Report 2026

In 2025, approx. X tons of optical fibers and bundles were imported into Libya; picking up by X% against the previous year's figure. In general, imports saw a significant increase.

Apr 08, 2026

Air Blown Micro Fiber Optical Cable 24~144 Cores Micro

What is an air-blown micro fiber optical cable? An air-blown micro fiber cable consists of miniature loose tubes or bundled fibers enclosed in a low-friction

Jan 20, 2026

Libyan undersea fiber-optic cable system Silphium launches

Silphium connects traffic from Libya to many European Internet hubs via the landing point in Chania, which OTEGLOBE will operate. It is the third undersea fiber-optic cable to serve the Libyan market.

Oct 10, 2025

Fiber Optic - AFAQ ICT | Information Communication Technology

Fiber Optic We provider of telecom and IT solutions with a strong focus on fiber optic technology Afaq ICT provider telecom Libya, with a strong focus on fiber optic technology. The company offers a

Apr 04, 2026

24 Core and 48 Core Fiber Optic Cable

The optical fiber elements are typically individually coated with layers and contained in a protective tube suitable for the environment where the cable will be deployed.

Apr 12, 2026

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 article, we will discuss the four-end connection methods of butterfly

Feb 03, 2026

Fiber Optic - AFAQ ICT | Information Communication Technology

The company offers a wide range of services, including fiber optic network design, installation, and maintenance, as well as fiber optic cable testing and certification.

Nov 25, 2025

Libyan Fiber Optic Network (LFON) Submarine Cable | Capacity,

This interactive submarine cable map shows global undersea and underwater fiber optic cables connecting continents and countries worldwide. Explore cable routes, landing stations, system status

Contact Us

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