

New Optical Cable Plant in Libya



Overview

In strategic partnership with the General Electricity Company of Libya (GECOL), Global Technology Company is deploying a 14,000 km nationwide optical fiber backbone to power the next decade of digital transformation. Leading Libya's telecommunications infrastructure transformation through strategic. The development of the strategic plan for the holding company and group companies aligns with the vision of the Libyan Holding Company LDT 2030. The project consists of four stages, with the current focus on the first two phases. This. 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 the Mediterranean, including Libya, by the end of 2025. May 11, 2025 The Libyan Post, Telecommunications and Information Technology Company (LPTIC) has announced the launch of the 'Medusa' submarine cable. In a bold stride toward digital integration and technological advancement, Libya has inaugurated on May 11 the Medusa submarine cable project—an 8,700-kilometre undersea lifeline linking the North African nation directly to Europe.



Article Content

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

Libya National Fiber Network Build

In strategic partnership with the General Electricity Company of Libya (GECOL), Global Technology Company is deploying a 14,000 km nationwide optical fiber backbone to power the next decade of

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

(PDF) Migration Towards All-Optical Networks: A Case

However, a particular attention is devoted to the general conception of current and next-generation optical fiber networks in Libya in terms of energy

Libya's Digital Leap Forward with Medusa Cable

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

Libya to connect with Medusa submarine cable project

Tripoli, Libya (PortSEurope) November 6, 2023 – Last week, Libya International United Telecommunications Company (LUIC) and the Medusa Company signed a contract to connect Libya

Nvidia secures \$3B option in Corning to boost AI optics

Major AI partnership: Nvidia will fund Corning's new optical fiber plants and may take a \$3 billion equity stake, aiming to expand AI data center connectivity. Optical over copper:

Libya Low Voltage Power Cable Plant-Turnkey Solution

As a professional provider of turnkey solutions for cable manufacturing plants, our company has recently successfully delivered a comprehensive low-voltage cable factory turnkey

New Mediterranean cable set to bring 5G internet to

Youths practise parkour on the Benghazi seafront in December 2023. The eastern Libyan city is set to be a landing station for the trans-Mediterranean

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.

Libya's Optical Fibers, Bundles and Cables Market Report 2026

Prodcom 27311200 - Optical fibres and optical fibre bundles, optical fibre cables (except those made up of individually sheathed fibres) This report provides a consistent view of market size,

Libya's Optical Fiber Cables Market Report 2026

Optical Fiber Cables Imports Imports into Libya Optical fiber cables imports into Libya skyrocketed to X tons in 2025, with an increase of X% on the year before. In general, imports,

Technology Leaders Telecom Company (TLT) – specializes in

Technology Leaders Telecom Company stands at the forefront of Libya's telecommunications infrastructure development. We deliver comprehensive solutions that connect communities, power

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

Fiber-optic cables in Libya will be the backbone of the information and data highways forming the Internet in the years to come. Fiber-optic cables allow broadband connectivity to fulfill the need of the

Libya launches Medusa submarine cable project

Submarine cable deployments are crucial strategic endeavors aimed at enhancing Europe's connectivity and enabling its transformation into a Global

Libya's Digital Leap Forward with Medusa Cable

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

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

Libya Joins Medusa Submarine Cable Project to Boost

Libya will subsequently have the capability to export these services to countries such as Chad, Niger, Mali, and Central African nations. Moreover, the

Libya signs contract to connect to Medusa submarine

Libya has now formally acknowledged that it will be connecting to the Medusa submarine cable project. The Medusa submarine cable system will

Libya will connect to the Medusa submarine fiber optic cable that ...

The Libyan United International Company (LUIC), a consortium formed by several Libyan private sector companies working in the field of communications, signed an agreement with Medusa

Silphium

Silphium is the third Libyan international submarine cable system, in addition to Europe India Gateway (EIG) and Italy-Libya. There is also a domestic submarine cable system in Libyan, the Libyan Fiber

Hatif Libya and Infinera partner to boost Libya's expanding ...

TRIPOLI, Libya – Hatif Libya, a LPTIC subsidiary company, has signed a groundbreaking agreement with California-based Infinera to expand and develop Libya's optical transport network.

Hatif Libya inked a fiber optic network with U.S. firm

Libya's government-owned telecom Hatif Libya signed on Monday an agreement to improve its fiber optic network with an U.S.-based supplier of open

Libya taps into Europe's digital artery with launch of Medusa subsea cable

By reinforcing the technological backbone of Libya's public sector, the Medusa cable becomes more than a fibre-optic marvel—it emerges as a cornerstone in the country's pursuit of

Medusa Subsea Cable System Landed in Libya

The Libyan Post, Telecommunications and Information Technology Company (LPTIC) has announced the launch of the "Medusa" submarine cable

Medusa Cable Launch Marks Digital Leap for Libya

The Medusa Subsea Cable System has officially landed in Libya, marking a significant milestone in efforts to rebuild and modernize the country's

Optical Access Networks in Libya: Options and Directions

Local carriers have long been interested in passive optical networks for the benefits they offer: minimal fiber infrastructure and no powering requirement in the outside plant.

Libya taps into Europe's digital artery with launch of Medusa subsea

In a bold stride toward digital integration and technological advancement, Libya has inaugurated on May 11 the Medusa submarine cable project—an 8,700-kilometre undersea lifeline

Libya Launches Medusa Subsea Cable

Libya activates the 8,700-km Medusa cable, enhancing digital connectivity and positioning itself as a regional telecom hub.

Contact Us

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

Website: <https://www.gmarkconstruction.co.za>

Email: sales@gmarkconstruction.co.za

Phone: +31-6-15-38-72-94

Address: Herengracht 456, 1017 BS Amsterdam, Netherlands

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