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Libya Optical Cable Project



Overview

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. Libya has formally integrated into the Medusa subsea cable system, marking a pivotal advancement in its telecommunications infrastructure. “Medusa was born with. The development of the strategic plan for the holding company and group companies aligns with the vision of the Libyan Holding Company LDT 2030. Work is underway through several workshops with stakeholders. May 11, 2025 The Libyan Post, Telecommunications and Information Technology Company (LPTIC) has announced the launch of the 'Medusa' submarine cable. The submarine cable project “Medusa”, referred to as one of the strategic projects that will connect Libya with Europe through a submarine cable extending for 8,700 km, was inaugurated last Saturday 10 May in the city of Misrata.



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Article Content

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 across the Mediterranean, including Libya,

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 Morocco, Portugal, Spain, France, Algeria,

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 project. LUIC joined the Medusa project

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 Inks Deal for Medusa Submarine Cable Connection

The goal is to connect Libya to the Medusa fiber optic submarine cable, which links several Mediterranean countries. This impressive system spans over 8,700 kilometers and includes

Libyan fibre deployments aid modernisation | Lightwave Online

Alcatel-Lucent is one of two submarine cable network suppliers for the project, which has a total value of over US$700 million. EIG is the first direct, high-bandwidth optical-fibre submarine ...

Libya Fibre Optic Cable Market (2025-2031) | Trends, Restraints ...

6Wresearch actively monitors the Libya Fibre Optic Cable Market and publishes its comprehensive annual report, highlighting emerging trends, growth drivers, revenue analysis, and forecast outlook.

Optical Access Networks in Libya: Options and Directions

This article describes Ethernet passive optical networks, an emerging local subscriber access architecture that combines low-cost point-to-multipoint fiber infrastructure with Ethernet.

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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

Libya National Fiber Network Build

Building Libya''s National Fiber Infrastructure In strategic partnership with the General Electricity Company of Libya (GECOL), Global Technology Company is deploying a 14,000 km nationwide

Prysmian to Supply Optical Cable to Libya

Prysmian Cables & Systems, based in Milan, Italy, has secured a contract to supply 6300 km of fiber optic cable to Libya. The cable will form the backbone of the new telecommunications network of the

Libya Active Optical Cable Market (2025-2031) | Outlook Growth & Share

6Wresearch actively monitors the Libya Active Optical Cable Market and publishes its comprehensive annual report, highlighting emerging trends, growth drivers, revenue analysis, and forecast outlook.

Technology Leaders Telecom Company (TLT) – specializes in

Technology Leaders Telecom Company (TLT) specializes in implementing telecommunication networks and technology projects across Libya. Based in Sebha, we deliver solutions that meet the highest

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

Medusa submarine cable project linking Libya with Europe inaugurated

The submarine cable project “Medusa”, referred to as one of the strategic projects that will connect Libya with Europe through a submarine cable extending for 8,700 km, was inaugurated

Libya launches Medusa submarine cable project connecting to Europe

The Libyan Post, Telecommunications and Information Technology Company (LPTIC) has launched the “Medusa” submarine cable project, a strategic initiative connecting Libya to Europe

Libya telecom holding company launches medusa submarine cable project

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The Libyan Post, Telecommunications and Information Technology Company (LPTIC) has announced the launching of the "Medusa" submarine cable project, one of the strategic initiatives

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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