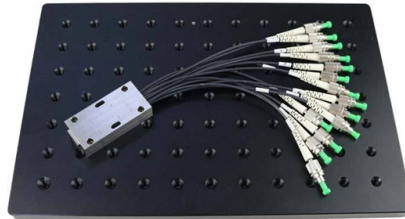


Development of Optical Cables in Ethiopia



Overview

This feature explores Horizon Fiber as a landmark in regional infrastructure, focusing on five key dimensions: the terrestrial connectivity corridor, its role as a geopolitical and economic catalyst, the partnership paradigm, digital sovereignty considerations, and its alignment. This feature explores Horizon Fiber as a landmark in regional infrastructure, focusing on five key dimensions: the terrestrial connectivity corridor, its role as a geopolitical and economic catalyst, the partnership paradigm, digital sovereignty considerations, and its alignment. Ethio Telecom owned about 23,000 km of fiber-optic cable across Ethiopia as of 2023, forming the national backbone and linking to neighboring undersea cables via Djibouti. In late 2024, Ethio Telecom signed a Horizon Fiber corridor deal with Djibouti Telecom and Sudatel to create a multi-terabit. The Ethiopian optical fiber cables market surged to \$X in 2025, jumping by X% against the previous year. This figure reflects the total revenues of producers and importers (excluding logistics costs, retail marketing costs, and retailers' margins, which will be included in the final consumer. Backed by high-capacity production lines, BMET Energy Telecom Industry and Trade PLC manufactures all types of electrical, telecom, and fiber optic cables. Every product is crafted using the latest global manufacturing standards and technologies. In Ethiopia, Huawei unveiled its brand-new OptiXtreme™ 400G DR4 series of fibre optic cables. The analysis is built on a multi-source framework that combines. On February 4, 2026, Ethio Telecom, Djibouti Telecom, and Sudatel Group signed the Horizon Fiber tripartite agreement in Djibouti, marking yet another infrastructure milestone in a region familiar with ribbon-cutting ceremonies. However, beneath this ceremonial announcement lies a significant shift.



Article Content

Ethiopia Fiber Optic Cable Market 2023-2030

In Ethiopia, Huawei unveiled its brand-new OptiXtreme™ 400G DR4 series of fibre optic cables. Long-haul and metro networks can make advantage of the OptiXtreme™ 400G DR4 series.

Horizon Fiber Initiative to interconnect Ethiopia, Djibouti

Ethio Telecom, Djibouti Telecom, and Sudatel Telecom Group have signed a Memorandum of Understanding (MoU) to create a multi-terabit,

Spain Fiber optic Cable Market: Analysis Covering Key Industry Developments

The fiber optic cable market is experiencing significant transformation driven by the escalating demand for high-speed internet and data transmission services.

Safaricom Ethiopia | Mobile Data, Packages & 4G Network

Safaricom Ethiopia and Ethiopian Electric Power (EEP) signed a five-year lease agreement to share dark fiber-optic on March 10, 2022. Over the course of few decades, EEP has

Ethiopia terrestrial fiber network map (Reprinted under

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Safaricom signs fibre optic deal in Ethiopia

Safaricom, the newest telecom operator in Ethiopia, has signed a five-year lease agreement with state-owned power utility Ethiopian Electric Power (EEP) to share dark fibre-optic

The Horizon Fiber Initiative: Regional Backbone for a

For the past two decades, East Africa's international bandwidth narrative has primarily unfolded offshore, with undersea cables landing in

Inside Ethiopia's Internet Boom: Fiber Optics, 5G

High-speed fiber-optic cables form the foundation of Ethiopia's internet, connecting cities and carrying data to the global internet. Ethio Telecom

Ethiopia

Imports of Optical Fibers, Bundles and Cables Imports into Ethiopia In 2025, the amount of optical fibers, bundles and cables imported into Ethiopia soared to X tons, picking up by X%

Ethiopia Fibre Optic Cables Market (2025-2031) | Outlook Growth

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

List of terrestrial fibre optic cable projects in Africa

This is a list of terrestrial fibre optic cable projects in Africa. While submarine communications cables are used to connect countries and continents to the Internet, terrestrial fibre optic cables are used to

Ethiopia Optical Fiber Cables Market (2025-2031) | Trends, Outlook ...

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

Ethiopia Active Optical Cables Market (2025-2031) | Trends, Outlook ...

Our insights help businesses to make data-backed strategic decisions with ongoing market dynamics. Our analysts track relevant industries related to the Ethiopia Active Optical Cables Market, allowing

Ethiopia's Optical Fiber Cables Market Report 2026

This report provides a comprehensive view of the optical fiber cables industry in Ethiopia, tracking demand, supply, and trade flows across the national value chain.

Ethiopia's Optical Fiber Cables Market Report 2026

Optical Fiber Cables Exports Exports from Ethiopia In 2025, exports of optical fiber cables from Ethiopia soared to X tons, rising by X% against the year before. In general, exports saw

Adok discloses plans to get fiberoptic cables through

For her part, the manager of Ethiopia's telecom operator, Ethio Telecom, Frehiwot Tamru, says expanding and managing telecom infrastructure

Internet Revolution in Ethiopia

Ethiopia has improved international telecommunications connectivity through investments in a national optical backbone and participation in

ZTE installs 1234km optical grounding wire

Huawei's part to be completed in August Pursuing the project to replace outdated communications and grounding wires across the country, dubbed the Optical Ground Wire (OPGW)

Leading Engineering Solutions in Ethiopia

Explore our portfolio of successful projects across telecommunications, power systems, and infrastructure development. Comprehensive fiber-to-the-home network deployment covering over

THE STUDY ON TELECOMMUNICATIONS DEVELOPMENT PLAN

The projects are to be composed of the new technologies of VoIP, PCOs and STM-16 over optical fiber with Cross-connect functions, which will be the main components in the future development of

East Africa telecoms companies launch new fibre

Ethio telecom, Djibouti Telecom and Sudatel Group sign an agreement to deploy a cross-border optical fibre corridor linking submarine

Ethiopia

This report provides a comprehensive view of the optical fiber, bundle and cable industry in Ethiopia, tracking demand, supply, and trade flows across the national value chain.

Energy Cable and Fiber Optics Commodity June 2023 Final

In line with the government economic policy, Development Bank of Ethiopia has the responsibility to finance many government priority projects like Energy cable and Fiber optics

Inside Ethiopia's Internet Boom: Fiber Optics, 5G

Fiber-Optic Backbone - The Digital Highways High-speed fiber-optic cables form the foundation of Ethiopia's internet, connecting cities and carrying

Ethiopia • State power utility seeks funds to develop fibre optic ...

Ethiopian Electric Power will be able to lease its future cables to the country's two telecoms operators. This should ensure a rapid return on this investment, at a time when the utility is

Understanding the Fiber Optic Cable Market 2026-2033: Development ...

The "Fiber Optic Cable market" decisions are mostly driven by resource optimization and cost-effectiveness. Demand and supply dynamics are revealed by market research, which supports

Bmet Cable | Bmet Energy

BMET CABLE INNOVATION DRIVEN MANUFACTURING “BMET Energy Telecom Industry and Trade PLC” is the biggest capacity electrical cable factory investment in Ethiopia . BMET can manufacture

Bmet Cable | Bmet Energy

We've used BMET's fiber optic and telecom cables in both urban and rural network deployments, and the results have been consistently excellent. The signal clarity, minimal attenuation, and durability in

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