

East Africa optical cable height



Overview

The Eastern Africa Submarine Cable System (EASSy) is an cable system connecting countries in to the rest of the world. EASSy runs from in to in, with landing points in nine countries and is connected to at least ten landlocked countries — which will no longer have to rely on to carry voice and data services.

Key Takeaways

The EASSy cable is a 9,000–10,500 km undersea fiber-optic system connecting Eastern Africa to global networks, though specific height or depth details are not publicly disclosed.

Cable Route and Coverage

The Eastern Africa Submarine Cable System (EASSy) runs along the East African coast from Port Sudan in Sudan to Mtunzini in South Africa, with landing points in countries including Djibouti, Somalia, Kenya, Tanzania, Madagascar, and Mozambique. It also connects to at least ten landlocked countries, providing them with high-capacity Internet access without relying on satellite links.

Technical Specifications



Length: Approximately 9,000–10,500 km Capacity: 2 fiber-pair configuration with a design capacity of over 10 terabits per second (Tbit/s) Purpose: Provides direct connectivity between Eastern Africa and Europe/North America, reducing reliance on expensive satellite or rerouted international traffic Resilience: Built-in end-to-end redundancy and interconnection with multiple international submarine cable networks Landing Stations Key landing points include Port Sudan, Djibouti, Somalia, Kenya, Tanzania, Madagascar, Mozambique, and South Africa, with co-located stations for other regional cables like SEAS in Dar Es Salaam, Tanzania.

These stations facilitate terrestrial distribution to inland countries.

Operational History

The project was initiated in 2003, entered service on 16 July 2010, and began commercial operations on 30 July 2010. It was partially funded by the World Bank and managed by a consortium of regional and international telecom operators. Note on Cable Height/Depth Submarine cables like EASSy are typically buried under the seabed in shallow coastal areas and laid directly on the ocean floor in deep waters, with depth varying from a few meters near shore to several thousand meters in deep ocean trenches.

Exact height or depth profiles are not publicly disclosed due to security and operational reasons, but the cable is engineered to withstand ocean currents, fishing activity, and other environmental factors. Impact EASSy significantly reduces the cost of intra-African telecommunications, improves Internet speed and reliability, and supports economic and social development across Eastern and Southern Africa. It also provides a foundation for future high-capacity networks in the region.

In summary, while the precise height or depth of the EASSy cable is not publicly available, the system is a critical undersea infrastructure spanning thousands of kilometers along the East African coast, connecting multiple countries to global networks with high capacity and resilience.

Article Content

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TEAMS (cable system)

It was first proposed as an alternative to EASSy, the East African Submarine Cable System. The Kenyan government had grown frustrated with the ownership model favoured by South Africa, the time it was

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The East African Cable System (EASSy) is a 10,000km undersea fibre optic cable system running from South Africa to Sudan. It became operational in 2010. EASSy has expanded internet access for 20

Eastern Africa Submarine System (EASSy) Submarine Cable

The Eastern Africa Submarine System (EASSy) is a 10,000 km undersea fibre cable that runs down the entire eastern coast of Africa, connecting nine countries with direct landings and, through landside

The EASSy Project: East African Submarine Cable System

The East African Submarine Cable System (EASSy) project consists of the construction of approximately 10,000 km of fiber optic submarine cable along the East African coast, linking Sudan

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EAST AFRICAN SUBMARINE OPTIC FIBRE PROJECT

The project will entail construction and laying of a high capacity optic fibre submarine cable, approximately 8,840m long, running from Mtunzini in the eastern coast of South Africa, along the

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Global Optical Fiber Cable Market Size, Share and Outlook 2025-31

Answer: The Global Optical Fiber Cable Market report covers major regions such as North America, Europe, Asia-Pacific, Middle East & Africa. Each region is analyzed for trends, opportunities, and

Global Submarine Optical Fiber Cable Market Research Report 2025

Middle East & Africa Submarine Optical Fiber Cable Market Size Growth Rate by Country (US\$ Million): 2020 VS 2024 VS 2031 Table 44. Middle East & Africa Submarine Optical Fiber Cable

Active Optical Cable & Extender Market Size, Share, Industry Report

The global active optical cable & extender market size in terms of revenue was estimated to be worth \$3.3 billion in 2023 and is poised to reach \$6.2 billion by 2028, growing at a CAGR of

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Fiber Optical Cable Market Report 2026

North America was the second-largest region in the global fiber optical cable market analysis. The regions covered in the fiber optical cable market report are Asia-Pacific, South East Asia, Western

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

