

Sudan Telecom Broadband Fiber Optic Cable



AI Overview

Sudan's broadband fibre optic network is expanding through national and international fibre links, including a new undersea cable connecting Port Sudan to Douala, enhancing internet speed and reliability.

National Fibre Optic Infrastructure

Sudan has developed a national fibre optic backbone that connects major cities and regions, positioning its telecommunications infrastructure among the regional leaders despite economic and political challenges . Operators like Sudatel and Canar Telecom have been key players, with Sudatel investing in rural tower infrastructure and partnering with companies like Nokia and Liquid Telecom to expand fibre broadband networks . The network supports both fixed-line and LTE mobile services, improving connectivity across urban and semi-urban areas.

International Connectivity

A major recent development is the undersea fibre optic cable linking Port Sudan to Douala, Cameroon, part of the Programme for Infrastructure Development in Africa (PIDA) . This cable connects Sudan to the global undersea network, reducing reliance on satellite communications, which were previously costly and inefficient. The project is supported by the Emergency Telecommunications Cluster (ETC), which has invested in advanced networking equipment to enable faster, more reliable internet services .

Service Deployment

Article Content

Undersea cable delivers critical connectivity in Sudan

On 21 August 2024, the ETC successfully activated a 1Gbps dedicated undersea fibre connection in Port Sudan. This

Land-Based Network to Bypass Red Sea Risks

Ethio telecom, Djibouti Telecom, and Sudatel Telecom have joined forces to launch the Horizon Fiber Initiative, a groundbreaking

55 Best Internet Providers in Sudan, Top Ranking ISPs,

INTERNET PROVIDERS IN SUDAN, List of Top Ranking ISPs, Broadband, Wireless, Fiber

Proposal Laying Fiber Optic for Cables along Railways Tracks in Sudan

Laying fiber optic cables along Sudan's 5898 km railway network offers significant cost-effective communication improvements. Fiber

55 Best Internet Providers in Sudan, Top Ranking ISPs,

The enlisted ISPs are widespread across the 18 states in Sudan with an estimated

Ethio Telecom, Sudatel, Djibouti Telecom Partner to Develop

Ethio telecom, Djibouti Telecom, and Sudatel Telecom Group announced the launch of a joint project to develop a

Sudan Section of the Fiber Optic Connectivity Component of the Port ...

Among others, the main project objectives are to: • Create the possibility of Sudan being a regional Hub because of its

Proposal For Laying FiberOptic Cables Along Railways Tracks in

In this paper, a proposal of laying fiber optic cables along railway tracks in Africa railway system is presented. The proposal is

Hotnet for Internet, Providing VSAT, Broadcasting and Fiber Optic ...

Licensed from TPRA and SPARTB to provide VSAT services, WiFi Services, Fiber Optic services and TV broadcasting in Sudan.

South Sudan plans to lay fibre-optic cables within two years

South Sudan plans to lay a fibre-optic cable to bring broadband Internet to its citizens in the next two years, its minister

Horizon Corridor: Ethiopia-Djibouti-Sudan Linked by Terrestrial Fiber ...

3 Technical and economic stakes 4 A step towards African digital integration Ethiopia, Djibouti, and Sudan have just

Cameroon, Chad, Sudan to soon be connected by terrestrial fiber cable

The coronavirus pandemic accelerated digital transformation in Africa but it has also boosted demand for high-speed internet. To

Sudan Secures US\$3 Million Investment For Networking Upgrade

According to industry reports, the telecommunications landscape in Sudan is poised for a major transformation with a

East Africa telecoms companies launch new fibre corridor deal

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

Djibouti, Ethiopia and Sudan telecom operators agree new regional

State-owned telecom operators from Djibouti, Ethiopia and Sudan have signed a tripartite agreement to build a new

Fiber Optic Internet Services

We ensure a redundant optical fiber connectivity By linking Juba with Uganda via two separate fiber optical

Sudan Fiber Optics Cable Market (2025-2031) | Trends, Outlook

6Wresearch actively monitors the Sudan Fiber Optics Cable Market and publishes its comprehensive annual report, highlighting

High-Speed Fiber Optic Internet in South Sudan

Built on world-class infrastructure, IPTEC Fiber enables homes, enterprises, and global organizations to

Telecommunications in Sudan

Telecommunications in Sudan includes fixed and mobile telephones, the Internet, radio, and television. Approximately 12 million out

Feasibility of Laying Fiber-Optic Cables underwater along River Nile ...

Fiber optics cables offers various advantages of over regular cables when used as data transportation medium in today's

Strategic Partnership Announced Among Ethio telecom, Djibouti Telecom ...

This collaboration underscores the commitment of Ethio telecom, Djibouti Telecom, and Sudatel Telecom Group to

Sudatel Telecommunications | Connecting Nations

Founded in 1993, Sudatel has grown into one of Sudan's leading telecom providers. With operations in

Sudan's Telecommunications Sector Revitalized with \$3 Million ...

Sudan's telecommunications infrastructure is set for a major transformation following a \$3 million investment in

NCA, Sudatel to lay fibre optics in Unity State

A worker fixing underground fibre optics cable –Courtesy photo By William Madouk Garang

South Sudan plans new fiber optic link to expand internet access

South Sudan plans to establish a new fiber optic link from Ethiopia to enhance internet access across the country,

Djibouti, Ethiopia and Sudan Telecoms Sign Agreement for New Fiber ...

The project involves the construction of a highly resilient terrestrial fiber-optic corridor linking international submarine cable landing

South Sudan and Djibouti ink fiber optic interconnection MoU

Since 2020, South Sudanese authorities, who are well aware that there could be no sustainable digital economy without access to

World Bank Document

The Telecom and Postal Regulatory Authority (TPRA) oversees licensing and regulations with a fair degree of independence. Before

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