

98 Sudan Optical Cable Construction



Overview

The project involves the construction of a 2,800-kilometre terrestrial fibre-optic network running from Djibouti through Ethiopia to Sudan, connecting Djibouti, Addis Ababa, and Port Sudan. Abstract: Fiber optics cables offers various advantages of over regular cables when used as data transportation medium in today's communication networks. Laying cables along tracks could efficiently expand broadband access. Impalement three sites (2G & 3G) At MTN Sudan rollout project in 2017. © 2020 Conductor - All Rights Reserved. Designed by MaknorsoftThe River Nile basin countries such as Sudan enjoys vast distances that are travelled by the RiverAdditionally, this corridor enhances Sudan's role as a digital gateway by linking Port Sudan's undersea cable landings to inland Central African states—supporting connectivity to Chad, CAR, Ethiopia, and South Sudan. It seeks to furnish broadband access, reduce satellite reliance for humanitarian. The National Communication Authority (NCA) and a Sudanese telecommunication and internet provider – Sudatel have agreed to lay fibre optics cable from Sudan to connect Bentiu and Mayom County of Unity State.



Article Content

May 21, 2026

Bayobab Plans to Build Fibre Optic Cable Network in

Bayobab, a wholesale fibre optic subsidiary of pan-African communications giant MTN Group, plans to enhance South Sudan's digital infrastructure by providing

Dec 01, 2025

Djibouti

The project involves the construction of a 2,800-kilometre terrestrial fibre-optic network running from Djibouti through Ethiopia to Sudan, connecting Djibouti, Addis Ababa, and Port Sudan.

Jul 26, 2025

Juba – Nairobi Fiber Optic Link

The Juba – Nairobi Fiber Optic Link Project consists of the construction of the 957 km high-capacity optic fiber cable (OFC) to interconnect Eldoret (Kenya) to Juba (South Sudan) through

Jun 29, 2025

Kenya and South Sudan Sign Fiber Optic Cable MoU

Kenya and South Sudan strengthen collaboration with a signed MoU for a fiber optic cable along the Eldoret-Juba road, enhancing connectivity and

May 06, 2026

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

Abstract: Fiber optics cables offers various advantages of over regular cables when used as data transportation medium in today's communication networks. The River Nile basin countries such as

Jun 01, 2026

About Us — MAZAR INTERNATIONAL

About Us Mazar International Co. Ltd. is a Sudanese engineering and infrastructure company established in 1993. With over three decades of experience, we have earned our place as a leader in

Dec 27, 2025

Sudan Section of the Fiber Optic Connectivity

The proposed project addresses enlargement of the regional ICT coverage by providing services for unconnected customers with satisfied and

Dec 21, 2025

Proposal Laying Fiber Optic for Cables along Railways Tracks in Sudan

In this study, a proposal to use the railway networks for establishing fiber optic networks for communication purposes to connect remote cities and towns. The socioeconomic impact analysis

Jan 23, 2026

Feasibility of Laying Fiber-Optic Cables underwater

Laying submerged fiber-optic cables along the River Nile can enhance

May 29, 2026

Proposal Laying Fiber Optic for Cables along Railways Tracks in Sudan

This document proposes laying fiber optic cables along existing railway tracks in Sudan to connect remote cities and towns. It notes that many African countries have extensive railway networks but

Feb 05, 2026

Kenya: Construction of Kenya, South Sudan Fibre Optic Cable

Kenya and South Sudan will be connected to a high-speed fibre optic cable within the next two years enhancing communication and inter-border trade.

Mar 19, 2026

Conductor

Fiber Optic Design and build including over head & under ground of FO Link. Testing and commissioning of Fiber Optic Cable link (Optical Time Domain Reflect Meter Test, Optical Power

Jul 17, 2025

Proposal Laying Fiber Optic for Cables along Railways

The article discusses the technologies for laying export-optical lines of railways and highways and a method is proposed for selecting foreign- optical communication

Aug 10, 2025

Construction and Telecommunications Tenders in Fiber Optic Cable

Discover the latest Construction and Telecommunications tenders and procurement opportunities in the Fiber Optic Cable Laying sector throughout Sudan. Access a comprehensive source of business

May 15, 2026

Sudan'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,

Sep 15, 2025

South Sudan to build 2,400km fibre cable to boost digital connectivity

South Sudan is preparing to launch a major infrastructure project involving the construction of a 2,400km fibre cable that will run from the Indian Ocean port through Kenya and into the

Jul 26, 2025

South Sudan to Begin Fibre Optic Construction in

Listen to this article (LUSAKA) – South Sudan will begin the construction and installation of its national fibre optic cable in December,

Sep 26, 2025

NCA, Sudatel to lay fibre optics in Unity State

The National Communication Authority (NCA) and a Sudanese telecommunication and internet provider – Sudatel have agreed to lay fibre optics

Nov 19, 2025

South Sudan, Djibouti sign MoU to lay fibre optic cable

South Sudan and Djibouti have signed an MoU to lay fibre optic cable from Djibouti to South Sudan's capital, Juba, via Ethiopia. The agreement will ensure that region is connected to the

Jan 18, 2026

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

Focus on creating regional hub through Sudan with high-quality ducted fiber infrastructure. Additionally, this corridor enhances Sudan's role as a digital gateway by linking Port Sudan's undersea cable

May 08, 2026

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

Jul 05, 2025

South Sudan to begin fibre optic network construction in December,

South Sudan will begin laying a 2,400-kilometre fibre optic cable in December, connecting the landlocked nation to the Indian Ocean via neighbouring Kenya, a senior government official has

Feb 27, 2026

Adok discloses plans to get fiberoptic cables through

Africa-Press - South-Sudan. The Director-General of the National Communication Authority has revealed plans to connect South Sudan with fiber

Jan 08, 2026

Bayobab to deploy fiber in South Sudan

Bayobab, a digital connectivity solutions company, has announced plans to build a fiber optic cable network across South Sudan.

Jun 24, 2026

Fiber Optic Internet Services

Fiber Optic Internet Services General Information Being the only ISP in Juba that has two main core networks working as Active/Active in two different locations,

Apr 12, 2026

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

Project to enhance regional ICT coverage by providing services for unconnected customers with satisfied and affordable quality and prices. Focus on creating regional hub through Sudan with high

Contact Us

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

Website: <https://regen-power.co.za>

Email: info@regen-power.co.za

Phone: +49 176 845 2036

Address: Taunusanlage 15, 60325 Frankfurt am Main, Germany

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