

Sierra Leone Telecommunications Fiber Optic Cable Maintenance



AI Overview

Fiber optic maintenance in Sierra Leone involves ongoing repair and monitoring of both local and international networks, with operators like Metro Cable and Leonecom ensuring service continuity while NatCA oversees regulatory compliance.

Key Fiber Optic Operators

Metro Cable SL Ltd is a leading provider of Fibre-to-the-Home (FTTH) services in Freetown. In July 2025, Metro Cable experienced a significant service disruption due to unauthorized cutting of a critical fiber optic cable near the U.S. Embassy, affecting multiple sites and customer connectivity. The company responded with rapid restoration efforts, enhanced monitoring, and 24/7 customer support to minimize downtime and prevent future incidents.

Leonecom operates as a neutral fiber optic operator, managing the national fiber optic backbone in partnership with the government. It provides high-speed data connectivity nationwide, enabling service providers to scale their networks and deliver broadband services to underserved areas. Leonecom's infrastructure includes terrestrial fiber networks and upgradable bandwidth options to meet evolving business and consumer needs.

International Connectivity and ACE Cable Maintenance

Sierra Leone's internet connectivity is also supported by the ACE (Africa Coast to Europe) submarine fiber optic cable, a consortium linking West Africa to Europe. Repairs on the ACE cable, which began in May 2024, have caused intermittent internet delays in Sierra Leone and neighboring countries. Alternative routing measures have been implemented to maintain partial connectivity, though some service delays persist during repair phases.

Maintenance and Network Reliability

Fiber optic maintenance in Sierra Leone involves both preventive and corrective measures. Operators conduct routine inspections, fault detection, and repairs to ensure high-speed, reliable conn...

Article Content

Sierratel | Freetown

Sierratel, Freetown. 2,220 likes. Sierra Leone Telecommunications Company Limited (SIERRATEL) is a limited liability company that is wholly

Overview

Overview About Us Leonecom is responsible for the operations, maintenance and commercialization of the national fiber optic backbone and ancillary infrastructures

METRO CABLE SERVICE DISRUPTION DUE TO

As a cornerstone of Sierra Leone's digital infrastructure, Metro Cable is committed to delivering reliable, high-speed connectivity to homes,

Networks & Telecommunications Services in Sierra Leone

Network and telecom specialists in Sierra Leone: fiber, Wi-Fi, GSM/4G, IP telephony, structured cabling and maintenance for business sites in Freetown.

New undersea cable lands in Sierra Leone

An undersea telecommunications cable landed in Sierra Leone on Monday, part of a 17,000-kilometre fiber optic line that aims to connect countries along the west African coast to Europe.

Metro Cable Expands Fiber Connectivity to East Freetown

Freetown, SIERRA LEONE - In a press conference held at their Wilkinson Road office on Wednesday, Metro Cable announced the extension of their fibre optic service (FTTX) to the Eastern

Alimamy Thomas Momodu

Head of Operations and Maintenance at LEONECOM S/L LTD. Sierra Leone National Fiber Optic Backbone Network. · Experience: LEONECOM S/L LTD · Education: Njala University · Location:

(National Fibre Backbone Network)

Leonecom is a technology company working a private partner with the government of Leone to oversee the national fiber optic backbone and ancillary infrastructure.

DATUM SL LIMITED

Connecting Communities, Bridging Distances with Advanced Fiber Technology" Welcome to Datum SL Limited Leading the way in high-quality fiber internet and telecommunications services across Sierra

Sierra Leone: construction of phase 2 of the national fiber optic ...

Once this work is completed, the next step will be the installation of other equipment and the introduction of fiber optic cables inside the high definition power pipes. The installation of the fiber backbone,

US\$ 30Mn fiber optic set to roll out in Sierra Leone

This fiber network project would lead to easy connectivity of schools, councils, hospitals, communities etcetera.” Sierra Leone Cable Limited (SALCAB) who are supervised by the Ministry of

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METRO CABLE SERVICE DISRUPTION DUE TO

Metro Cable SL Ltd, Sierra Leone's leading open-access Fibre-to-the-Home infrastructure provider, deeply regrets to inform the public of a significant

Fiber Optic Network Operations & Management

Our expertise encompasses end to end operations, maintenance, and commercialization of fiber optic networks. Ensuring high speed, reliable connectivity for businesses and telecom operators.

Sierra Leone Fibre Optic Cable Market (2025-2031) | Trends, Outlook ...

6Wresearch actively monitors the Sierra Leone Fibre Optic Cable Market and publishes its comprehensive annual report, highlighting emerging trends, growth drivers, revenue analysis, and

Ultra One

Submarine Cable Landing Station: Gateway to high-speed international bandwidth. Fiber Backbone Infrastructure: Interconnecting major cities, institutions, and enterprise zones.

MINISTRY OF COMMUNICATION, TECHNOLOGY AND INNOVATION

Demand Analysis: Analyze current and projected demand for internet bandwidth, data usage, and services in Sierra Leone. Technical Feasibility Study: Evaluate technical requirements, including

Sierra Leone Cable Information

Sierra Leone Cable Limited (SALCAB) is a wholly government owned Optical Fiber infrastructure company incorporated as a limited liability company in 2012, operating as a regulated wholesale

(National Fibre Backbone Network)

Approximately 90% of backbone cable damages are due to vandalism—deliberate acts of destruction, often carried out by individuals mistakenly expecting to find valuable materials such as copper or

Services

Our expertise encompasses end to end operations, maintenance, and commercialization of fiber optic networks. Ensuring high speed, reliable connectivity for businesses, telecom operators, and end

Extended ACE Fiber Repairs Cause Internet Delays in Sierra Leone

Sierra Leone and several West African countries are experiencing significant internet disruptions. The repair work, originally scheduled to be completed on May 31, has been extended.

Extended ACE Fiber Repairs Cause Internet Delays in Sierra Leone

The National Telecommunications Commission of Sierra Leone (NatCA) announces that the ongoing repair work on the ACE (Africa Coast to Europe) fiber optic cable, which began on May

Western Area Fibernet and IP Communications Infrastructure

Sierra Leone Cable Limited (SALCAB) is a wholly government owned Optical Fiber infrastructure company incorporated as a limited liability company in 2012, operating as a regulated wholesale

Guinea, Sierra Leone Advance Fiber Optic Interconnection Project

A Sierra Leonean delegation visited Guinea last week to discuss the implementation of a fiber optic interconnection project between the two countries. The project aims to enhance internet

The Sierra Leone National Broadband Strategy_v5 21

Leonecom Leonecom is a neutral fiber optic operator working as a private partner with the Government of Sierra Leone to manage the country's fiber optic backbone and auxiliary infrastructure. Leonecom

The Sierra Leone National Broadband Strategy_v5 21

Leonecom is mainly responsible for the operations, maintenance, and commercialization of the ICT infrastructure with cost-effective solutions to provide better connectivity throughout the country.

Contact Us

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

Website: <https://sky-connect.co.za>

Email: info@sky-connect.co.za

Phone: +44 20 7946 0958

Address: 1 Cornhill, London EC3V 3ND, United Kingdom

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