

Sierra Leone Standard Communication Optical Cable



Article Overview

Sierra Leone's optical fiber network is anchored by the ACE submarine cable and a national terrestrial fiber backbone managed by both government and private operators.

National Fiber Infrastructure

Sierra Leone's optical communication infrastructure is built around a combination of submarine and terrestrial fiber networks. The Africa Coast to Europe (ACE) submarine cable provides the country's first high-capacity international connectivity, landing in Freetown and enabling faster, more affordable internet compared to the previously relied-upon satellite connections (SALCAB) . The ECOWAN network complements this by providing national wholesale services, ensuring broadband access across government, businesses, educational institutions, and healthcare facilities .

Key Operators

- Leonecom is a neutral fiber optic operator partnering with the government to manage the national fiber backbone. It provides capacity transportation services and connectivity through a terrestrial fiber network, enabling operators to scale bandwidth and extend services nationwide .
- Ultra One, formed from the merger of ZoodLabs and Metro Cable, operates a robust fiber-optic backbone and has invested in 5G Open-RAN infrastructure, offering flexible, vendor-neutral connectivity solutions for mobile operators, ISPs, and enterp...

Article Content

Oct 02, 2025

The Sierra Leone National Broadband Strategy_v5 21

Ministry of Communication, Technology and Innovation (MoCTI) Sierra Leone's
Ministry of Communication, Technology and

Oct 31, 2025

Sierra Leone: Why Sierra Leone Should Go Fiber Optic

Fiber optic cables are the medium of choice in telecommunications infrastructure, enabling the transmission of high

Jan 02, 2026

(National Fibre Backbone Network)

Leonecom is a technology company working a private partner with the government of Leone to oversee the national fiber optic

Apr 26, 2026

Sierra Leone Fibre Optic Cables Market (2025-2031) | Value & Forecast

6Wresearch actively monitors the Sierra Leone Fibre Optic Cables Market and publishes its comprehensive annual report,

Sep 13, 2025

Regulations

Pursuant to Section 82 of the Telecommunications Act of 2006, as amended, the National Telecommunications Commission

Nov 15, 2025

SIERRA LEONE NATIONAL DIGITAL DEVELOPMENT STRATEGY

The NDDS will enable Sierra Leone to thrive in the digital age through, one, getting things done in a coordinated manner, two,

Dec 28, 2025

Sierra Leone Fiber Optic Cables Market (2025-2031) | Industry

Historical Data and Forecast of Sierra Leone Fiber Optic Cables Market Revenues & Volume By Communication Systems for the

Apr 12, 2026

National Communications Authority Act, 2022 (Act No. 16 of 2022)

Meet service quality standards set by NatCA including minimum network uptime, latency, and connectivity

Sep 11, 2025

Sierra Leone

The country's first undersea fibre-optic cable link became a reality in 2012, when Sierra Leone connected to the ACE system. The

Aug 30, 2025

Sierra Leone Cable Information

Sierra Leone Cable Limited (SALCAB) is a wholly government owned Optical Fiber infrastructure company incorporated as a limited

Oct 27, 2025

Exploring the Landscape of Open Access Fibre Optic Cable Network

In the modern Sierra Leone, the deployment of open-access fibre optic cable networks marks a turning point in the country's

Jan 08, 2026

Sierra Leone Fiber Optic Components Market (2025-2031) | Forecast ...

6Wresearch actively monitors the Sierra Leone Fiber Optic Components Market and publishes its comprehensive annual report,

May 06, 2026

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

Apr 10, 2026

Sierra Leone Optical Communication and Networking Equipment

6Wresearch actively monitors the Sierra Leone Optical Communication and Networking Equipment Market and publishes its

Jul 08, 2026

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

Nov 28, 2025

Metro Cables

Ultra One delivers one of the most advanced and resilient connectivity infrastructures in Sierra Leone. Our network spans the

Feb 03, 2026

Sierra Leone Communication Power Fiber Optic Cable

Before the fiber optic cable, Sierra Leone's internet service had only been through Revolution in communication President Ernest Bai

Jul 03, 2026

Sierra Leone Cable

Sierra Leone Cable | 569 followers on LinkedIn. Sierra Leone Cable Limited (SALCAB) is a wholly government owned Optical Fiber

Jun 15, 2026

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

By Mohamed Jaward Nyallay The Government of Sierra Leone is set to roll out the phase two of a US\$30 million fiber

Apr 02, 2026

Telecommunications in Sierra Leone

Telecommunications in Sierra Leone include radio, television, fixed and mobile telephones, and the Internet. Radio remains the most

Oct 08, 2025

Major Reforms in Telecommunications: NatCA, CSOs, and MNOs

With the new regulations poised for implementation, Sierra Leone is set to witness transformative changes in its

Jan 16, 2026

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

Sep 28, 2025

About US - Ultra One

Ultra One was born from the vision of two pioneering forces—ZoodLabs and Metro Cable—coming together to redefine connectivity

Apr 02, 2026

Minister witnesses first fibre optic cable blowing

Minister witnesses first fibre optic cable blowing The first phase of the ongoing installation of fiber optic cable under the

Contact Us

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