

Mauritania's Direct-Buried Optical Fiber Cable



Article Overview

Mauritania is establishing a direct, high-capacity optical fiber connection to Europe via a new subsea cable landing in Nouadhibou, enhancing digital connectivity and resilience.

Project Overview

Mauritania, through its Ministry of Digital Transformation and Administrative Modernization (MTNMA), has partnered with EllaLink to construct a second international subsea cable directly linking the country to Madrid, Spain. This initiative complements the existing ACE (Africa Coast to Europe) cable system, providing a diverse and secure international connection for the country. The project is co-funded by the European Union through the Connecting Europe Facility (CEF) and supported by the European Investment Bank.

Technical Specifications

- Cable Landing Station (CLS): Located in Nouadhibou, Mauritania's second-largest city, serving as the national access point for operators.
- Subsea Branch: Extends over 500-670 km from the main EllaLink trunk to Nouadhibou.
- Fiber Pairs: Equipped with two high-capacity fiber pairs using advanced optical technologies, including ROADM (Reconfigurable Optical Add-Drop Multiplexer) and WSS (Wavelength Selective Switch) for dynamic wavelength routing

Article Content

Aug 13, 2025

Mauritania Connects to Europe with High-Capacity Subsea Cable

EllaLink, the owner of a high-capacity, optic-fiber submarine cable directly connecting Europe and Latin America, and

Sep 27, 2025

GENERAL INFORMATION

Excess fiber optic cable should be left at all splice locations along the route. If the splice enclosure is direct buried, the excess cable

May 23, 2026

Mauritania: EIB to finance first direct submarine high-speed link

The European Investment Bank has formally agreed to finance the first fibre optic cable connecting Mauritania to

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New subsea cable will connect Mauritania to Spain

The partners say the new diverse infrastructure will provide Mauritania with direct, cost-effective international connectivity up to

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Learn how to install underground fiber optic cables with this detailed guide. Get tips on planning, trenching, cable

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Emirates Sentinel » Mauritania trusts EllaLink for its new ...

The EllaLink submarine cable system has been built with state-of-the-art coherent technology initially offering 100Tbps of capacity

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National optical fiber network project in Mauritania complete

Also Read: Kenya begins construction of a high-speed fiber optic cable at Nadapal In terms of the international

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EllaLink Cable to Connect Mauritania

The Ellalink's Mauritania branch will enable a new diverse infrastructure and provide Mauritania with direct cost

Feb 08, 2026

Direct-Buried Installation of Fiber Optic Cable

2.3. Direct-buried installations are often combined with duct installations to go under obstacles like roads, driveways, etc. At the

Feb 15, 2026

Mauritania: ZTE completed construction of Mauritania's national fiber ...

ZTE Corporation, a provider of telecommunications technology solutions for businesses and consumers, announces

Mar 19, 2026

Mauritania Expands Internet Capacity with New Undersea Cable

Mauritania has advanced the deployment of its second international fiber-optic submarine cable. On May 4, authorities

Feb 04, 2026

Recommendation ITU-T L.101 (08/2024)

Recommended technical requirements are detailed by reference to IEC 60794-3-11 on outdoor optical fibre cables for

Apr 19, 2026

MAURITANIA COVID-19 RESILIENCE SUBMARINE CABLE

The project concerns the deployment of a second international connection for Mauritania, which will consist of a new

May 06, 2026

Mauritania Partners with EllaLink for New Subsea Cable to Europe

EllaLink partners with Mauritania to deploy a new international subsea cable, directly connecting Nouadhibou to Madrid.

Apr 06, 2026

Mauritania Announces 2,300 Km Fiber Expansion Plan

Mauritania plans to install an additional 2,300 kilometers of optic fiber cable nationwide, Minister of Digital

Jun 11, 2026

Mauritania trusts EllaLink for its new international submarine cable ...

The EllaLink submarine cable system has been built with state-of-the-art coherent technology initially offering 100Tbps

Apr 09, 2026

Mauritania trusts EllaLink for its new international submarine cable ...

The new diverse infrastructure will provide Mauritania with direct cost-effective international connectivity up to

Dec 03, 2025

ZTE completes construction of national optical fiber network in Mauritania

Chinese tech company ZTE Corporation announced it has completed the construction of Mauritania's national optical fiber network,

May 28, 2026

Microsoft Word

Direct Burial Cable Features The unique second coating and stranding technology provide the fibres with enough space and bending

Mar 16, 2026

Direct Buried Fiber Optic Cables | Optical Communications | Corning

Ribbon cables offer higher fiber counts and greater fiber density than any other cable construction designed for the outside plant

Dec 09, 2025

Mauritania trusts EllaLink for its new international submarine cable ...

Alcatel Submarine Networks has been selected to build the subsea section which will include two fibre pairs and use

Jun 14, 2026

Direct Buried Fiber Optic Cable Price And Installation

HOC produces all types of direct buried fiber optic cable, and supply with customized specifications for

Jan 11, 2026

New subsea cable branch lands in Mauritania

Equipped with two fibre pairs and state-of-the-art optical technology, it delivers multi-gigabit connectivity from day one,

Oct 08, 2025

Direct Burial Fiber Optic Cable G652D OM3 G657A1

Because direct burial fiber optic cable is perfect for underground installation. Our cable is armored and

Feb 16, 2026

Mauritania lays fiber optic cables

Mauritania is set to establish a second international subsea fiber optic cable connection through an agreement signed between the

May 23, 2026

Ireland's EllaLink Submarine Cable Lands in Mauritania

This marks the country's second submarine fiber optic cable channel directly connecting to Europe and international

Sep 04, 2025

EllaLink to Build Direct Subsea Cable Linking Mauritania to Europe by

In a transformative leap toward digital progress, EllaLink — the company behind the high-capacity transatlantic optic

Jul 27, 2026

Instal 04 Buried Cable Installation Practices Iss3

Individual company practices for placing fiber optic cable should supersede any conflicting instructions in this document when they

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