

Mauritania Optical Cable Fusion Plant



Article Overview

Mauritania is establishing a state-of-the-art optical cable infrastructure through the EllaLink submarine cable, including a new cable landing station and fiber fusion facilities in Nouadhibou, set to enhance international connectivity by early 2027.

Overview of the Project

Mauritania is currently connected to the world via the ACE (Africa Coast to Europe) submarine cable. To diversify and strengthen its international connectivity, the country has partnered with EllaLink to construct a second high-capacity subsea cable directly linking Mauritania to Madrid, Spain . The project includes a new cable landing station in Nouadhibou, a +500 km branch connecting to the main EllaLink trunk, and terrestrial links to integrate with the national network .

Optical Cable Fusion and Technology

The Mauritania branch of EllaLink is equipped with two fiber pairs and uses advanced optical technologies, including ROADM WSS branching units, enabling flexible routing and high-capacity transmission . The fusion plant within the landing station handles fiber splicing and optical cable fusion, ensuring low-loss connections between the subsea cable and terrestrial networks. This facility is critical for maintaining signal integrity, low latency, and scalable bandwidth, initially providing 200 Gbps, with potential upgrades to 12 Tbps .

Construction and Timeline...

Article Content

Feb 16, 2026

Mauritania lays fiber optic cables

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

Oct 31, 2025

EllaLink cable project advances, enhancing Mauritania's digital ...

The EllaLink cable project is set to revolutionize Mauritania's digital landscape. The project aims to enhance the

Jul 31, 2025

Mauritania shortlisted for indoor optical cable

EllaLink should be responsible for connecting Mauritania to its second submarine fiber optic cable. The Public Procurement

Jun 04, 2026

Renewable Energy Opportunities for Mauritania

Executive summary Mauritania's tremendous renewable energy potential offers several possibilities for accelerated economic

Sep 28, 2025

EllaLink subsea cable lands in Mauritania | Nouadhibou

EllaLink and Mauritania successfully land a new 670km subsea branch in Nouadhibou, co

Mar 22, 2026

EU-Mauritania Partnership

Blue economy Partnership to promote the blue economy in Mauritania by improving governance of the ocean and coastline,

Jul 18, 2026

New subsea cable will connect Mauritania to Spain

The project includes the construction of a cable landing station in Nouadhibou, the second largest city of Mauritania, and a more than

Aug 29, 2025

Mauritania says second subsea cable 46% complete, eyes 2027 launch

Authorities said the project will strengthen Mauritania's digital infrastructure by complementing the Africa Coast to Europe (ACE)

Jul 16, 2026

EllaLink Cable to Connect Mauritania

The project includes the construction of a Cable Landing Station in Nouadhibou, the second largest city of Mauritania

Dec 12, 2025

EllaLink to Build Direct Subsea Cable Linking Mauritania to Europe by ...

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

Mar 23, 2026

Mauritania to build 1,600 km of fiber optic cable in March

The Ministry of Employment and Information and Communications of Mauritania has stated that it will deploy a fiber optic cable up to

Sep 02, 2025

Mauritania Expands Internet Capacity with New Undersea Cable

Mauritania launched the coastal installation of its second submarine cable, with full deployment scheduled for August

Feb 06, 2026

EllaLink lands 670 km subsea cable branch in Mauritania

The branch was co-funded by the Mauritanian state and the European Union through its Connecting Europe Facility

Jan 29, 2026

Deployment of a Second High-Speed Submarine Cable for Mauritania

This project involves the deployment of a second high-speed submarine cable for Mauritania, including the wet plant,

Sep 05, 2025

Mauritania's Nouadhibou EllaLink Cable Station Hits 46% Completion

The EllaLink cable project is expected to enhance Mauritania's connectivity infrastructure, providing faster, more

Mar 29, 2026

Ellalink to expand subsea cable to Mauritania

Only one subsea cable currently lands in Mauritania, with the Africa Coast to Europe (ACE) system landing in

Dec 30, 2025

EllaLink and Mauritania land new subsea cable branch

EllaLink and Mauritania have successfully landed a new subsea cable in Nouadhibou,

May 09, 2026

EllaLink to connect Mauritania to second submarine fibre with World ...

According to the Public Procurement Commission of the Ministry of Digital Transformation, Innovation and

Jun 16, 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

Nov 08, 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,

Oct 06, 2025

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

The whole of Mauritania is now covered by optical fiber. Deployed as part of the regional communications infrastructure

Jan 17, 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

May 22, 2026

Construction of data center in Nouakchott and submarine cable in Mauritania

The new data centre in Nouakchott and the submarine cable connection will help Mauritania manage growing data volumes, improve

Dec 28, 2025

MAURITANIA SUBMARINE CABLE CONNECTION

However, the Bank will require the preparation of an Environmental and Social Impact Assessment (ESIA) for the

Jun 08, 2026

Firms Compete for Mauritania's Next Submarine Network

Sonatel, the Senegalese subsidiary of French giant Orange, Mauritania Submarine Link Consortium and Ireland

Dec 02, 2025

New subsea cable will connect Mauritania to Spain

Mauritania's digital transformation ministry MTNMA (Ministère de la Transformation Numérique et de la Modernisation

Dec 02, 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

Dec 12, 2025

Launch of fiber-optic cable project in Mauritania

Launch of fiber-optic cable project in Mauritania 19 May 2011 Last Tuesday in Nouakchott, telephone operator Mauritel launched a

Nov 20, 2025

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

DUBLIN and NOUAKCHOTT, Mauritania, July 29, 2025 (GLOBE NEWSWIRE) -- EllaLink, the owner of a high

Contact Us

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

Website: <https://www.chromadecksigns-eastrand.co.za>

Email: sales@chromadecksigns-eastrand.co.za

Phone: +32 2 318 5792

Address: Avenue Louise 500, 1050 Brussels, Belgium

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