

North Africa Mobile Communication Optical Cable



Overview

The Medusa cable will connect key North African states such as Morocco, Tunisia, Algeria, Libya and Egypt to Europe with open access, high capacity fiber links, vastly reducing the region's digital divide and will enable 5G, cloud and AI technologies by offering faster, more. The Medusa cable will connect key North African states such as Morocco, Tunisia, Algeria, Libya and Egypt to Europe with open access, high capacity fiber links, vastly reducing the region's digital divide and will enable 5G, cloud and AI technologies by offering faster, more. The Medusa submarine cable system is a new transformative, open-access infrastructure connecting North Africa and Europe with high-capacity fiber links. The deployment will bring faster, more reliable connectivity to millions, enabling 5G, cloud, and AI-era technologies, and laying the foundation. The Medusa Submarine Cable System is a critical investment in the region's digital future, especially at a time when demand for data and bandwidth is accelerating across Africa and the Mediterranean basin. Tech companies such as Google and Facebook parent Meta are investing in new data. The launch of 2Africa enables us to offer our customers seamless connection between Africa and Europe, together with our SEA-ME-WE 5 and AAE-1 subsea cable resources to further extend to Asia, which is an important milestone of our global development strategy," said Jessica Gu, Director & Chief. A new digital highway is taking shape beneath the Mediterranean Sea, one that will physically connect North Africa to Europe with high-speed fibre optic cables and help close the digital divide between the two continents. Called the Medusa Submarine Cable System, it spans 8,760 kilometres along the.

Article Content

List of terrestrial fibre optic cable projects in Africa

This is a list of terrestrial fibre optic cable projects in Africa. While submarine communications cables are used to connect countries and continents to the Internet, terrestrial fibre optic cables are used to extend this connectivity to landlocked countries or to urban centers within a country that has submarine cable access. In most of the world, a large number of such cables exist, often amounting to robust Internet backbones

How new undersea cable will boost Africa's connectivity and growth

Once operational, an African company will be responsible for the digital exchange between Africa and the Americas. Together with growing terrestrial fibre-optic systems, mobile technologies and satellite

Nokia to Power Medusa Cable, Building a Digital Bridge Across North ...

Nokia to Power Medusa Cable, Building a Digital Bridge Across North Africa & Europe
Wednesday, 30 July 2025 13:41 The Medusa Submarine Cable System is a critical investment in the region's digital

Africa Analysis Team CC

This Position Paper The position paper titled "Africa Broadband Outlook 2024" analyses the current situation on the African continent as far as the development of fixed broadband infrastructure, and

More Than Plastic, Copper, and Glass Fibre? Undersea

In this Spotlight, we show that EU-promoted connective infrastructures in the form of electricity and internet cables to North Africa are heavily loaded with

Submarine communications cable

7 - Petroleum jelly 8 - Optical fibers Submarine cables are laid using special cable layer ships, such as the modern René Descartes , operated by Orange Marine.

Maroc Telecom invests 150 million euros in West African subsea fibre ...

Itissalat Al Maghrib (Maroc Telecom) has invested 150 million euros in the construction of a new submarine fibre optic cable. The West Africa cable infrastructure connects the company's subsidiaries

Africa's connectivity revolution depends on unseen fibre

Despite the AI-fuelled headlines and promises of satellite connectivity, Africa's digital transformation still depends heavily on physical

Africa's Optical Fiber, Bundles, and Cable Market Set to

Africa's journey toward digital transformation is gaining momentum, and at the core of this progress lies the expansion of optical fiber, bundles, and

Africa Networks Geography Update

Changes in Subregional Capacity Connected to Europe North Africa Total Africa-Europe connectivity has hovered around 80% for the past 5 years North Africa's international connectivity is almost 100%

Telecommunications in South Africa

Telecommunications infrastructure in South Africa is advanced and widespread, comprising a combination of mobile, satellite, and fiber optic internet. Services are

Nokia selected for Medusa Submarine Cable System to

The Medusa subsea cable is a significant step toward closing the digital divide between Europe and North Africa, connecting countries such as Morocco,

Nokia to Power Medusa Subsea Cable Connecting

Nokia will supply high speed, low latency connectivity for 5G, artificial intelligence and cloud infrastructure through the Medusa subsea cable which will

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Nokia establishes subsea cable system across Europe

The Medusa Submarine Cable System, a project owned by AFR-IX Telecom, is a significant step toward closing the digital divide between Europe

Africa Telecommunications Map 2022

As one of the largest subsea cable operators, Telecom Egypt will help you extend your network and reach to global destinations. Given its perfectly centralized

Inside Africa's Internet Fiber Optic Cable Success Story

For the last ten or so years, African countries, the majority of which fall under developing states, have made tremendous efforts to ensure there is

Home | 2Africa Cable

The launch of 2Africa enables us to offer our customers seamless connection between Africa and Europe, together with our SEA-ME-WE 5 and AAE-1 subsea

Nokia to Power Medusa Submarine Cable Linking

The Medusa subsea cable is a significant step toward closing the digital divide between Europe and North Africa, connecting countries such as

From Fiber to 5G: Mapping Africa's Journey Toward

From the rollout of fiber-optic infrastructure to the emerging power of 5G, Africa's journey toward high-speed connectivity is transforming lives,

Home | 2Africa Cable

The 2Africa cable will be integrated into STC's MENA Gateway (MG1) datacentre in Jeddah, enabling customers to access our extensive international content and

Africa's Optical Fiber Cables Market Report 2026

Africa's optical fiber cables market is characterized by concentrated consumption and production, with significant intra-regional trade flows. Egypt is the dominant consumer and producer

March 2025 | The GEOPOLITICS OF SUBSEA DATA CABLES

Undersea cables, commonly known as submarine cables, play a crucial role in Africa's digital infrastructure. These cables serve as the fundamental infrastructure of the global internet,

Africa Broadband

Undersea cables accelerate Africa's broadband development bandwidth usage. According to the ITU, global international bandwidth usage grew by 25% in 2022 with Africa showing the fastest growth of

“West Africa” cable a giant Moroccan project to develop “optical fiber ...

This was achieved through a large submarine cable project from Morocco, called the “West Africa” cable. It connects Africa to the international optical loop to meet the continent's growing

Fiber-optic leap bridges African digital divide

Anchored in Kenya, the fiber-optic cable will run through Uganda, Rwanda, the Democratic Republic of Congo (DRC), Zambia, Zimbabwe and

Nokia to Power Medusa Cable, Building a Digital Bridge Across North ...

The Medusa cable will connect several North African nations—including Morocco, Algeria, Tunisia, Libya, and Egypt—to Southern Europe via high-speed, low-latency fiber-optic infrastructure.

The State of Broadband in Africa 2025

Arab States in the north and north- east of Africa (including Djibouti and Ethiopia) benefit from additional Internet connectivity via Mediterranean and Gulf region subsea cables.

Nokia To Bridge North Africa-Europe Digital Divide With Undersea Cable

A new digital highway is taking shape beneath the Mediterranean Sea, one that will physically connect North Africa to Europe with high-speed fibre optic cables and help close the digital

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