

Algeria Direct-buried Optical Cable



Overview

Algiers – October 2025 – Algeria has taken a major leap forward in its digital transformation with the official launch of the Medusa submarine fiber-optic cable, a groundbreaking project that places the country at the crossroads of global connectivity between Africa and Europe. Two new submarine cables, Medusa and Africa-1, enter service in Algeria during 2026, with Medusa carrying up to 24 fibre pairs at 20 Tbps each. Combined with the ALVAL/ORVAL system's 40 Tbps headroom, Algeria's outbound bandwidth ceiling lifts from chronic bottleneck to structural advantage for AI. The Alval (Alger-Valencia) and Orval (Oran-Valencia) submarine cable system, the Alval / Orval cable system, connects the El-Djamila cable landing station in Algiers and the Aïn El-Turck cable landing station in Oran to the Valencia cable landing station in Spain, linking Algerian network to. Algeria Enters a New Digital Era with the Medusa Submarine Cable 📄 BY: Dr. In 2020, Algeria's international bandwidth was 1. The project was revealed on Monday, 15 December by Sid Ali Zerrouki (photo), Minister of Post and Telecommunications, during an interview on Algerian Radio. Algiers is the capital city of Algeria, located on the Mediterranean Sea.



Article Content

Algeria Doubles International Fibre Capacity in 2026

That ceiling is now lifting. According to coverage in The Africa Report and Developing Telecoms, Algeria's plan calls for international fibre-optic capacity to roughly double during 2026,

Direct Buried Optical Fiber Cable

Cross Section of Direct Buried Optical Fiber Cables Key Specifications for Direct Buried Cable For Detailed Specifications, consult Technical Advisor of Premier

Alval / Orval

The Alval / Orval cable system is the first submarine system managed 100% by Algeria, privately owned by Algeria Telecom, together with its subsidiary Algeria Telecom Europe in Spain. IslaLink in Spain is

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 duct, directly buried, and lashed aerial applications. Changes and

Direct Burial Fiber Optic Cable

Direct burial fiber optic cable is an underground fiber optic cable with steel tape or steel wire armor. It has the performance of resisting external mechanical damage

Direct Buried

When it is not possible to suspend the cable on the overhead towers or install it into cable ducts, cable is laid into the ground. This is more expensive than overhead installation, but sometimes it can be the

Fiber Optic Indoor/Outdoor Cables

Fiber Optic Cables For Indoor/Outdoor Applications These are cables that are designed to meet both the rigorous environment of the outdoors but also can be

Algeria's Submarine Cable Network: The Invisible

Every Algerian internet connection depends on a handful of Mediterranean submarine cables. We map capacity, single points of failure, and transit potential.

Buried Installation of Optic Fiber Cable

2. Introduction Buried plant is usually placed into a narrow trench or plowed directly in the ground. Sometimes a fiber cable is placed in an open trench with several empty sub-ducts for use when

Algeria Completes 2,600 km of Trans-Saharan Fiber

It connects six countries: Algeria, Niger, Nigeria, Chad, Mali, and Mauritania. The 79 million euro project is co-funded by the African Development Bank (AfDB) and

Direct Buried Fiber Optic Cables | Optical

In the absence of duct infrastructure, cables can be buried directly into the ground in a trench or using a vibratory plow.

Fiber Optic Drop Cable: An Ultimate Guide for 2024

Fiber optic drop cables are the critical link between the main fiber optic network and individual buildings or residences. They deliver the high

Panama direct buried optical cable for sale Turkey

All Companies and suppliers for panama-direct-buried-optical-cable-for-sale Find wholesalers and contact them directly Leading B2B marketplace Find companies now!

Algeria to Be Connected to a Fourth Submarine Optical Cable

(Ecofin Agency) – Algerian Minister of Post and Telecommunications Brahim Boumzar (pictured) announced on September 7 the country will soon be connected to a fourth submarine

Algeria to Be Connected to a Fourth Submarine Optical Cable

Algerian Minister of Post and Telecommunications announced the country will soon be connected to a fourth submarine optical fiber cable.

Direct Buried Cable Installation

Direct buried means fiber optic cable buried under the ground at required depth specification without any kind of extra protection. Most telecom

Algeria Enters a New Digital Era with the Medusa

Spanning more than 8,700 kilometers, the Medusa cable will link over ten Mediterranean countries, offering a transmission capacity of up to 20 terabits

Algeria EIB negotiates with Algiers to kick-start stalled Medusa ...

The European Investment Bank (EIB) is in talks with the Algerian authorities to get the Medusa project back on track. The submarine fibre optic cable system, due to come into service next

Algeria Fiber Optic Cables Market (2025-2031) | Industry & Share

The Algeria Fiber Optic Cables Market is expected to witness significant growth in the coming years due to increasing demand for high-speed internet connectivity, rapid digital transformation across various

150M Direct-Burial Fiber Optic Cable

Underground Cables without Conduits Direct-burial fiber optic cables can be directly buried in the ground, which eliminates the need for additional protective conduits

Algeria: new submarine cable announced to improve... | Algeria Invest

Algeria plans to connect to a new submarine fibre optic cable to increase internet speeds in the country. The project was revealed on Monday, 15 December by Sid Ali Zerrouki (photo), Minister of Post and

The Medusa Submarine Cable: How a EUR 342 Million

The EUR 342M Medusa submarine cable lands in Algeria in 2026, adding 480 Tbps capacity across 8,700 km of Mediterranean fiber linking Europe and North Africa.

More subsea cable connectivity planned for Algeria

The Algerian minister of post and telecommunications Brahim Boumzar has been quoted as suggesting that the country will soon be connected to a fourth submarine optical fibre cable.

Direct Buried Fiber Optic Cable

Whether it's a solid armored fiber optic cable buried directly in the ground, or a conduit that can pass anything, a direct burial fiber optic cable is an ideal

Direct Buried Optical Cable Laying Requirements

There are many requirements for laying direct-buried optical cables, and the direct-buried depth of optical cables is one of them. We all know that the attenuation of optical fiber signals in

Alval / Orval

In March 2015, the Algerian Ministry of Post, Information Technology and Communications and Alcatel Submarine Networks (ASN) signed a turnkey agreement for the deployment of the Orval system, an

Direct Buried Fiber Optic Cable Price And Installation

HOC produces all types of direct buried fiber optic cable, and supply with customized specifications for your project. Get a quote today!

Algiers, Algeria — Submarine Cable Landing Point | GeoCables

Med Cable Network (2005) — Med Cable Network is a point-to-point submarine cable linking Algeria and France. Landing at Algiers, Annaba, Marseille, Oran, it provides a direct fiber-optic path between

Contact Us

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