

Fiber Optic Cable Laying in Yemen



Article Overview

Yemen is enhancing its fiber optic connectivity through local infrastructure projects, while regional undersea cables near Yemen have faced repeated disruptions affecting internet traffic.

Local Fiber Optic Projects

Yemen has ongoing initiatives to improve internet access through fiber optic networks. The Office of the Special Envoy of the Secretary-General for Yemen (OESGY) and the United Nations Mission to Support the Hudaydah Agreement (UNMHA) plan to establish reliable high-speed internet connections between their offices in Sana'a and Aden and the global internet using existing fiber cable infrastructure. The project specifies minimum symmetric bandwidths of 8 Mbps in Aden and 14 Mbps in Sana'a, with dedicated public IP addresses and Ethernet connectivity to the termination points, ensuring stable and secure communication for UN operations in Yemen .

Undersea Fiber Optic Cables Near Yemen

Yemen's regional connectivity is also influenced by undersea fiber optic cables in the Red Sea and southern Red Sea. Multiple cables have been severed or damaged, causing internet slowdowns and outages across parts of the Middle East, South Asia, and East Africa. These disruptions have forced carriers to reroute traffic, affecting countries from Yemen to India and Pakistan . While some reports suggest potential targeting by Yemen's Houthi rebels, authorities emphasize that accidental damage from ship anchors or other maritime incidents is also a plausible cause .

Regional and Global Implications

Article Content

Purchase and supply of fiber optic cables of different capacities for ...

The General Corporation for Wired and Wireless Communications Yemen has Released a tender for Purchase and supply of fiber

How does fiber optics work?

An easy-to-understand introduction to fiber optics (fibre optics), the different kinds of fiber optic cables, and how light

World Bank Document

In this context, it would be critical for the Yemeni authorities to drop their blocking of the use of Yemeni waters by international cable

Telecommunications in Yemen

Yemen is a landing point for the international submarine cable Fiber-Optic Link Around the Globe (FLAG). In 2005 TeleYemen

Submarine communications cable

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

Fibre-optic Link Around the Globe

Fibre-optic Link Around the Globe (FLAG) is a 28,000-kilometre-long (17,398 mi; 15,119 nmi) fibre optic mostly- submarine

Yemen Fiber Optic Cable Market (2025-2031) | Forecast & Outlook

Yemen Fiber Optic Cable Market Size Growth Rate The Yemen Fiber Optic Cable Market is projected to witness mixed growth rate

Yemen Fibre Optic Cables Market (2025-2031) | Industry & Size

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

War in the Gulf Severs the World's Digital Arteries: How the Iran ...

The fiber-optic infrastructure in Russia is already well-developed, with existing rights-of-way, operational terrestrial

Yemen Fiber Optics Infrastructure Assessment

Telecommunications networks with focus on Fiber optics infrastructure, landing stations and submarine cables. Legal and regulatory

Survivable Biconnected Topology for Yemen's Optical Network

The exact price of laying fiber differs by country and depends on many parameters, such as cable type, number of fiber mode, cost

Contact Us

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