

Optical cable between the Middle East and the Middle East



Overview

The Kalaam Network Optical Transit (KNOT) is a new fiber-optic terrestrial international cable system that enhances regional and international connectivity in the Middle East and North Africa (MENA). It notes that up to 90 percent of Europe-Asia internet traffic travels through the Red Sea corridor, a dependence that heightens exposure. Fibre in Gulf (FIG) submarine cable is a strategic initiative to significantly enhance regional connectivity and solidify Ooredoo's leadership in digital infrastructure 30 January 2025 Ooredoo Group has signed a historic agreement to build a new submarine cable connecting seven countries in the. The Medusa Submarine Cable System, owned by AFR-IX telecom and with a projected cost of €342 million, is the landmark digital infrastructure initiative, with 8700 km of high-speed internet cable being deployed across the Mediterranean. If plans go ahead, the “revolutionary” fibre-optic cable, known as the Trans Europe Asia System. Modern communications rely on submarine fibre-optic cables which carry more than 95 percent of all voice and data transmissions. The Middle East and North Africa region is central to this network The Middle East and North Africa region has been a hub for shipping and commerce routes between Europe.



Article Content

Global IT Products & Network Solutions Provider | Black Box

Black Box is a global leader in digital infrastructure solutions, delivering network and system integration, managed services, and technology products to Fortune 100 and top global enterprises. With a

Iran eyes a new source of power deep beneath the Strait of Hormuz

Even though the impact of damage to the cables could be high in the Middle East and some Asian countries, TeleGeography said “cables traversing the Strait of Hormuz account for less than

What the internet looks like: Underwater cables in the

Now it is data and communications that flows through its busy waters. Each of the lines on this map is not a trade route but a fibre-optic cable, carrying

Big Tech's Gulf megaprojects are trapped between two

The real danger is accidental damage or collateral strikes. In February 2024, three Red Sea cables were cut by the dragging anchor of a

Big Tech is moving data out of the Gulf through Iraqi oil pipelines

“Iraqi pipeline infrastructure provides established long-distance right-of-way paths along which fiber optic cables can be run,” Madory said. Companies that move large volumes of data will

Middle East Fibre Optic Cables Industry Report 2026 | Market Size ...

The Middle East and Africa Fibre Optic Cables market size is USD 0.35 billion in 2023 and will expand at a compound annual growth rate (CAGR) of 3% from 2023 to 2030.

Strait of Hormuz: Iran war threatens global internet connectivity as ...

Subsea cables are fibre-optic or electrical cables laid on the sea floor to transmit data and power. They carry around 99 per cent of the world's internet traffic, according to the ITU, the United

GBI taps Nokia to enhances optical network capacity between Middle East ...

Cloud, connectivity and content enabler undertakes optical network capacity upgrade between key markets to scale wavelength speed by a factor of x4 to offer high-speed connectivity

Ooredoo Group to Build One of the Largest International Submarine ...

Alain Biston, CEO, ASN, said: “We are honoured to partner with Ooredoo on the Fibre in Gulf (FIG) submarine cable project, a game-changing initiative that will mark a turning point in

War in Middle East: latest developments

- Hormuz internet cable permits - Iran's Islamic Revolutionary Guard Corps said internet fibre optic cables passing through the Strait of Hormuz could be brought under a system of permits

Israel and Gulf states to be connected by fibre-optic cable

Two cables will be laid from Europe via Israel, one going directly eastwards and the second via the Gulf of Eilat, with the cable laying expected to

Saudi Arabia picks Syria as the new transit state for the East-to ...

Regional Sources Confirm Strategic Route Change According to regional sources cited by Middle East Eye, Saudi Arabia is actively seeking to reroute the fiber-optic cable through Syrian

International Cable Breaks in Red Sea Cause Latency

A series of undersea cable cuts in the Red Sea have caused widespread internet slowdowns across Asia and the Middle East, with significant

GBI selects Nokia to build new network across the

Gulf Bridge International (GBI) has selected Nokia's optical networking solution to build a new high-capacity terrestrial network, also

Red Sea cables are cut, disrupting internet in Asia and

DUBAI, United Arab Emirates (AP) — Undersea cable cuts in the Red Sea disrupted internet access in parts of Asia and the Middle East, experts

Israeli-backed internet cable aims to link country to

A major Israeli investment fund is backing a project “gaining traction” in Saudi Arabia to build a fibre-optic cable that would link the two countries and

Undersea Cables, Overland Routes, and the New Politics of ...

A fresh analysis maps how undersea cable networks and potential overland routes are reshaping the politics of digital connectivity in the middle East and beyond.

Why Fibre Optic Prices Have Increased in 2026

If you have priced fibre optic cable in the last six months and been surprised by what you found, you are not alone. From late 2025 into 2026, global fibre optic prices have increased sharply

War in Middle East: latest developments

Here are the latest developments in the Middle East war:- US extends sanctions waiver -The US Treasury secretary on Monday said Washington was extending by 30 days its sanctions

Global Gateway Forum: EU for strategic expansion of

Medusa will directly interconnect the Northern and Southern shores of the Mediterranean, providing a high-capacity, multi-country, future-proof

8 future Middle East submarine cable projects

Submarine cables are all about connecting different parts of the world. As a historical hub between east and west, the Middle East region has long been a crossing point for the world's

Fiber Optic Cable Market Demand and Growth Insights 2024

Oct 30, 2024 - Fiber Optic Cable Market is projected to register a 10.2% CAGR from 2024 to 2030. Geographically, the market is classified into major regions including North America, Europe, Asia

Multiple Fiber-Optic Cables Severed, Affecting

Multiple undersea cables were severed in the Red Sea over the weekend, disrupting internet connectivity across parts of Asia and the Middle

Gulf states race to build overland data cables to Europe

Saudi Arabia, Qatar, and the UAE are financing competing data corridors through Syria, Iraq, and East Africa to bypass the two maritime choke

Safeguarding Subsea Cables: Protecting Cyber Infrastructure amid

China's rapid emergence as a leading subsea cable provider and owner has been the centerpiece of Beijing's ambitious Digital Silk Road initiative launched in 2015, which aims to capture

Exclusive: China plans \$500 million subsea internet

SINGAPORE, April 6 (Reuters) - Chinese state-owned telecom firms are developing a \$500 million undersea fiber-optic internet cable network that would link Asia,

Google to build first subsea fiber-optic cable connecting Af

A direct subsea fiber-optic connection between Africa and Australia would close one of the more conspicuous gaps in the global internet map. Today, traffic moving between the two

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