

Saudi Arabia maintains fiber optic cable lines



AI Overview

Saudi Arabia has developed an extensive fiber optic network exceeding 80,000 km, supporting nationwide digital transformation and mega-projects under Vision 2030. National Fiber Optic Deployment Saudi Arabia's fiber optic infrastructure is a cornerstone of its Vision 2030 digital strategy, enabling ultra-fast broadband, smart cities, and advanced industrial ecosystems . Key projects like NEOM, The Line, Oxagon, and Trojena rely on dense, resilient fiber networks to support AI systems, IoT devices, and autonomous services . Major urban centers including Riyadh, Jeddah, and Dammam are also undergoing significant digital upgrades, with rapid expansion of Fiber-to-the-Home (FTTH) services to millions of households .

Key Manufacturers Several leading manufacturers drive the Kingdom's fiber optic capabilities:

- Middle East Fiber Cable Manufacturing Co. (MEFC):** A Saudi-Japanese partnership based in Riyadh, MEFC produces high-quality fiber optic cables for telecommunications, oil & gas, transportation, and government sectors across the MENA region .
- Riyadh Cables Group:** Founded in 1984, Riyadh Cables is one of the largest cable manufacturers in the Middle East, supplying OPGW and hybrid cables for 5G networks and national backbone projects .
- Jeddah Cables:** Specializes in industrial and instrumentation cables, certified for Saudi Aramco projects, with strong export capabilities .

Most manufacturers import optical glass cores but excel in cabling, jacketing, and armoring processes, ensuring high performance and reliability .

Strategic and International Connectivity Saudi Arabia is strategically positioned to enhance regional fiber connectivity. While Egypt has historically been a chokepoint for Europe-Asia internet traffic, new subsea and terrestrial cable projects involving Saudi Arabia aim to diversify routes and reduce dependency on Egypt . This include...

Article Content

3.6mln Saudi homes under fiber optics coverage, penetration rate ...

Altamimi said the broadband coverage rate reached 99 percent of the populated areas in the Kingdom, with an average speed exceeding 369 megabits per second.

Saudi Arabia

ITC partners with Mobily to establish and operate the Saudi Fiber Optic Network (SNFN) connecting all cities of Saudi Arabia with fiber optic network of more than 17,000 km.

How Saudi Arabia's Extensive Fiber Optic Infrastructure

The recently announced SONIC corridor, a multi-billion dollar joint venture, further solidifies Saudi Arabia's role as a critical artery for global data

Fiber Optic Coverage Statistics in Saudi Arabia (2026)

An overview of fiber optic coverage, internet usage, and digital growth in Saudi Arabia in 2026, highlighting infrastructure and connectivity trends.

Fiber Optic Cable Application in Saudi Arabia: Market Insights and ...

According to the Communications, Space & Technology Commission (CST), Saudi Arabia aims to achieve nationwide fiber coverage by 2030 — connecting homes, businesses, and public institutions

Top Fiber Optic Cable Manufacturers in Saudi Arabia

Saudi Arabia is currently the largest optical communication market in the Middle East. Driven by "Saudi Vision 2030," the Kingdom is aggressively expanding FTTH (Fiber to the Home), 5G networks, and

Top 5 Best Fiber Optic Cable Manufacturers in Saudi

Top 5 Best Fiber Optic Cable Manufacturers in Saudi Arabia In the heart of the Middle East, where tradition meets modernity, Saudi Arabia's

_Saudi Aramco Engineering Standard

The fiber optic cable route used from the central office cable vault (or building entrance) to the optical terminal equipment shall be designed in accordance with SAES-T-916, Communications Building

MEFC – Rakami

MEFC was founded in the year 1995 in Riyadh, Saudi Arabia, in partnership with the Fiber Core and Royale System Group from the USA, to manufacture the latest

Fiber Optic Network Infrastructure in Saudi Arabia: stc, Mobily, Zain ...

Comprehensive analysis of Saudi Arabia's fiber optic network infrastructure — operator strategies, fiber penetration rates, FTTH deployments, backbone networks, and the role of fiber connectivity in

Saudi Arabia Fiber Optic Cable Market (2025-2031)

Saudi Arabia Fiber Optic Cable Market Size Growth Rate The Saudi Arabia Fiber Optic Cable Market is projected to witness mixed growth rate patterns during

STC ODN Project Saudi Arabia: Fiber Network & HDPE

Overview of the STC ODN Project Saudi Arabia, covering fiber networks, HDPE ducts, telecom standards, and underground infrastructure.

Exclusive: Riyadh wants to replace Israel with Syria for

Saudi Arabia wants to replace Israel with Syria as the transit country for a fibre-optic cable designed to connect the kingdom to Greece through the

stc KSA | Fibre

The service will be activated via cables extended into your house from the fiber optic box installed on the outer wall of the building. For more information on extending cables inside the house, please see the

New fiber-optic cable project to link Israel with Saudi

Although Israel and Saudi Arabia still don't share peace, they're about to be connected via fiber-optic cable. On Tuesday, Communications Minister

Saudi Arabia Fiber Optic Cables Market (2025-2031) Outlook

Fiber optic cables are essential for transmitting large volumes of data with minimal signal loss. The Saudi Arabia industries and agencies are investing in modern fiber optic cable solutions to enhance

Saudi Arabia Fiber Optics Market Size, Share, Report

The Saudi Arabia fiber optics market size reached USD 744.7 Million in 2025 and is expected to hit USD 1,451.3 Million by 2034, with a CAGR of 7.70%.

Top Fiber Optic Cable Manufacturers in Saudi Arabia

This blog is detailed guide to the most certified and capable Fiber Optic Cable Manufacturers in Saudi Arabia.

Saudi Arabia Fiber Optics Market Value To Hit USD

Saudi Arabia Fiber Optics Market Value To Hit USD 1,390.0 Million By 2033, Expanding At 8.10% CAGR. Saudi Arabia fiber optics market size

Saudi Arabia Optical Fiber Cable Market Overview, 2028

The Saudi Arabia Optical Fiber Cable Market was valued at above USD 149.92 Million in 2022, increasing use of fiber optics in healthcare and medical applications.

Saudi Arabia eyes Syria route for Greece fiber link

Saudi Arabia wants to replace Israel with Syria as the transit country for a fibre-optic cable linking the kingdom to Greece via the Mediterranean Sea,

Pioneering Fiber Optic Connectivity in Saudi Arabia:

Saudi Arabia is rapidly positioning itself as a global leader in digital infrastructure, and at the heart of this transformation lies its commitment to fiber

Saudi Vision Cable

The Saudi Vision Cable is a 1,160km submarine cable connecting Jeddah, Yanbu, Dhiba and Haql, the major subsea hubs in Red Sea cities of Saudi Arabia. The

Saudi Arabia Fiber Optic Cable Market 2023-2030

Saudi Arabia Fiber optic cable market is expected to expand steadily. In order to transmit telecommunication signals across maritime lengths,

Red Sea cable cuts disrupt internet across Asia and the

Internet connectivity in multiple countries including India and Pakistan has been affected due to subsea cable outages in the Red Sea, internet

Fiber Connectivity in Saudi Arabia: 95%+ Penetration, Submarine

Comprehensive overview of Saudi Arabia's fiber optic infrastructure including residential FTTH penetration exceeding 95%, submarine cable landing stations, the Jeddah internet exchange, and

Contact Us

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