

Saudi Arabia Undersea Fiber Optic Cable Market By Fiber Type (Single-mode fiber and Multi-mode fiber), By Cable Design (Ribbon Tube, Loose Tube, Micro Loose Tube and Others), By End-Use Industry (IT & Telecommunication, Energy & Power and Others), By Insulation Type (Cross-Linked Polyethylene, Oil-Impregnated Paper, Resin-Impregnated Paper, Others), By Application (Deep-Sea Fiber Optic Cable, Shallow Sea Fiber Optic Cable), By Region, Competition Forecast & Opportunities, 2028

Market Report | 2023-04-01 | 76 pages | TechSci Research

AVAILABLE LICENSES:

- Single User License \$3500.00
- Multi-User License \$4500.00
- Custom Research License \$7500.00

Report description:

Saudi Arabia Undersea Fiber Optic Cable Market is anticipated to grow at a steady pace in the forecast period, 2024-2028, and register a CAGR of more than 10% during the forecast period.

Undersea cable systems, which are used in the undersea fiber optic cable, are made up of communication cables buried on the ocean floor connecting cable landing stations (CLS) on land to transfer telecommunication signals across oceanic stretches. Secure data is transferred internationally via fiber optic cables buried under the sea. The cables provide extremely high-capacity, highly dependable, and secure communication links between various nations worldwide. An underwater fiber optic cable offers transmission quality that is noticeably superior to that provided by a satellite. A few inches thick and containing only a few optical fibers, undersea fiber optic cables are thin. However, they can transmit at terabits per second (Tbps). Subsequent cable generations carried telephone traffic before moving on to data communications traffic. Digital data, such as phone, Internet, and private data traffic, is transported across modern cables using optical fiber technology.

Growing Demand Owing to Increasing Internet Traffic

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Over 90% of global internet traffic is dependent on undersea fiber optic cables, and almost everybody relies on the internet for day-to-day activities. The Internet connects the world; thus, global internet traffic is increasing every other day, with Asia-Pacific accounting for approximately half of global internet traffic, thereby driving demand for undersea fiber optic cables. For instance, in August 2022, STC, the telecommunication service provider, announced the launch of Saudi Vision Cable, which is the first high-speed cable in the Red Sea through its landing station in Jeddah, helps to enhance the internet speed and connects the country to the world. Additionally, faster communication, an increase in the high broadband demand, and an improvement in digital connectivity across the country are expected to be responsible for the growth of the undersea fiber optic cable market in Saudi Arabia in the upcoming years.

Rising Use of 5G in Developing Countries

5G proposals, a denser, fiber-rich network infrastructure, are expected to provide key performance indicators such as lower latency, higher data rates, ultra-high reliability, and more connected devices. Therefore, the introduction of the 5G network is anticipated to have a positive impact on the growth of Saudi Arabia Undersea Fiber Optic Cable Market. Additionally, high internet speed is required in various sectors. Additionally, countries are also setting up the 5G network infrastructure. To meet the high demand for 5G connectivity, telecom leaders are relying on undersea fiber optic cables. All these factors are expected to drive the Saudi Arabia fiber optic cable market forward.

Remote Work from Home Drives Deployment of FTTH Communication Networks

Due to the lockdowns imposed in the country, the COVID-19 pandemic has resulted in an increase in work-from-home (WFH). This has led to an increase in the number of home broadband connections installed. Furthermore, as the novel coronavirus evolves and more companies prefer remote work for longer periods of time, the demand for home broadband connections is increasing. As a result, the demand for a Fiber-to-the-Home (FTTH) communication network is driving the Saudi Arabia Undersea Fiber Optic Cable Market toward exponential growth.

Net-zero Carbon Emission

Saudi Arabia is strongly emphasizing cross-sector, cross-border, and cross-vector strategic collaborations to hasten the transition to net-zero carbon emissions. In sparsely populated locations, several low-cost renewable energy sources are situated far from load centers. The locations of the resources are typically far away from the centers of energy demand, spanning international borders. An efficient management of energy surpluses and deficits across the region is required for cross-border electricity commerce, which is made possible by the interconnectedness of power grid infrastructure. The need for energy is driven by the requirements of an expanding middle-class population as well as easier access to contemporary energy sources. The expansion of the Saudi Arabia Undersea Fiber Optic Cable Market is therefore fueled by regulatory backing as well as changes to current regulations to boost international electricity trade.

Market Segmentation

The Saudi Arabia Undersea Fiber Optic Cable Market is segmented into Fiber Type, Cable Design, End-Use Industry, Insulation Type, application, regional distribution, and competitive landscape. Based on Fiber type, the market is divided into single-mode fiber and multi-mode fiber. Based on Cable Design, the market is segmented into Ribbon Tube, Loose Tube, Micro Loose Tube, and Others. Based on End-Use Industry, the market is divided into IT & Telecommunication, Energy & Power, and Others. Based on Insulation Type, the market is segmented into Cross-Linked Polyethylene, Oil-Impregnated Paper, Resin-Impregnated Paper, and Others. Based on Application, the market is segmented into Deep-Sea Fiber Optic Cable and Shallow Sea Optic Cable.

Market Players

Major market players in the Saudi Arabia Undersea Fiber Optic Cable Market are NEC Saudi Arabia Ltd, Middle East Fiber Cable Manufacturing Co, Saudi Cable Company, Ciena Corporation, Stc pay Saudi, SubCom, LLC, Etihad Etisalat (Mobily), Alcatel Submarine Networks, NEC Corporation, HMN Technologies Co., Limited.

Report Scope:

In this report, the Saudi Arabia Undersea Fiber Optic Cable Market has been segmented into the following categories, in addition to the industry trends, which have also been detailed below:

- Saudi Arabia Undersea Fiber Optic Cable Market, By Fiber Type:
 - o Single-mode Fiber
 - o Multi-mode Fiber

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- Saudi Arabia Undersea Fiber Optic Cable Market, By Cable Design:

- o Ribbon Tube
- o Loose Tube
- o Micro Loose Tube
- o Others

- Saudi Arabia Undersea Fiber Optic Cable Market, By End-Use Industry:

- o IT & Telecommunication
- o Energy & Power
- o Others

- Saudi Arabia Undersea Fiber Optic Cable Market, By Insulation Type:

- o Cross-Linked Polyethylene
- o Oil-Impregnated Paper
- o Resin-Impregnated Paper
- o Others

- Saudi Arabia Undersea Fiber Optic Cable Market, By Application:

- o Deep-Sea Fiber Optic Cable
- o Shallow Sea Optic Cable

- Saudi Arabia Undersea Fiber Optic Cable Market, By Region:

- o Eastern Region
- o Northern & Central Region
- o Western Region
- o Southern Region

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Saudi Arabia Undersea Fiber Optic Cable Market.

Available Customizations:

Saudi Arabia Undersea Fiber Optic Cable market report with the given market data, Tech Sci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

- Detailed analysis and profiling of additional market players (up to five).

Table of Contents:

1. Product Overview
2. Research Methodology
3. Impact of COVID-19 on Saudi Arabia Undersea Fiber Optic Cable Market
4. Executive Summary
5. Voice of Customers
6. Saudi Arabia Undersea Fiber Optic Cable Market Outlook
 - 6.1. Market Size & Forecast
 - 6.1.1. By Value
 - 6.2. Market Share & Forecast
 - 6.2.1. By Fiber Type (Single-mode Fiber and Multi-mode Fiber)
 - 6.2.2. By Cable Design (Ribbon Tube, Loose Tube, Micro Loose Tube and Others)
 - 6.2.3. By End-Use Industry (IT & Telecommunication, Energy & Power and Others)
 - 6.2.4. By Insulation Type (Cross-Linked Polyethylene, Oil-Impregnated Paper, Resin-Impregnated Paper, Others)
 - 6.2.5. By Application (Deep-Sea Fiber Optic Cable, Shallow Sea Optic Cable)
 - 6.2.6. By Region
 - 6.2.7. By Company (2022)

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 6.3.□Market Map
- 7.□Northern & Central Saudi Arabia Undersea Fiber Optic Cable Market Outlook
 - 7.1.□Market Size & Forecast
 - 7.1.1.□By Value
 - 7.2.□Market Share & Forecast
 - 7.2.1.□By Fiber Type
 - 7.2.2.□By Cable Design
 - 7.2.3.□By End-Use Industry
 - 7.2.4.□By Insulation Type
 - 7.2.5.□By Application
- 8.□Western Saudi Arabia Undersea Fiber Optic Cable Market Outlook
 - 8.1.□Market Size & Forecast
 - 8.1.1.□By Value
 - 8.2.□Market Share & Forecast
 - 8.2.1.□By Fiber Type
 - 8.2.2.□By Cable Design
 - 8.2.3.□By End-Use Industry
 - 8.2.4.□By Insulation Type
 - 8.2.5.□By Application
- 9.□Eastern Saudi Arabia Undersea Fiber Optic Cable Market Outlook
 - 9.1.□Market Size & Forecast
 - 9.1.1.□By Value
 - 9.2.□Market Share & Forecast
 - 9.2.1.□By Fiber Type
 - 9.2.2.□By Cable Design
 - 9.2.3.□By End-Use Industry
 - 9.2.4.□By Insulation Type
 - 9.2.5.□By Application
- 10.□Southern Saudi Arabia Undersea Fiber Optic Cable Market Outlook
 - 10.1.□Market Size & Forecast
 - 10.1.1.□By Value
 - 10.2.□Market Share & Forecast
 - 10.2.1.□By Fiber Type
 - 10.2.2.□By Cable Design
 - 10.2.3.□By End-Use Industry
 - 10.2.4.□By Insulation Type
 - 10.2.5.□By Application
- 11.□Market Dynamics
 - 11.1.□Drivers
 - 11.1.1.□Rising Use of 5G in Developing Countries
 - 11.1.2.□Remote Work from Home Drives Deployment of FTTH Communication Networks
 - 11.1.3.□Net-zero Carbon Emission
 - 11.2.□Challenges
 - 11.2.1.□Fiber Damage
 - 11.2.2.□High Initial Investments
- 12.□Market Trends & Developments
 - 12.1.□Growing Number of Hyperscalers

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 12.2.□Increasing Demand for Interconnected Data Centers
- 12.3.□Growing Demand Owing to Increasing Internet Traffic
- 12.4.□Growth in Offshore Wind Power Capacity
- 12.5.□Advent of Renewable Energy Sources
- 13.□Policy & Regulatory Landscape
- 14.□Company Profiles
- 14.1.□NEC Saudi Arabia Ltd.
- 14.1.1.□Business Overview
- 14.1.2.□Key Revenue and Financials (If Available)
- 14.1.3.□Recent Developments
- 14.1.4.□Key Personnel
- 14.1.5.□Key Product/Services
- 14.2.□Middle East Fiber Cable Manufacturing Co.
- 14.2.1.□Business Overview
- 14.2.2.□Key Revenue and Financials (If Available)
- 14.2.3.□Recent Developments
- 14.2.4.□Key Personnel
- 14.2.5.□Key Product/Services
- 14.3.□Saudi Cable Company
- 14.3.1.□Business Overview
- 14.3.2.□Key Revenue and Financials (If Available)
- 14.3.3.□Recent Developments
- 14.3.4.□Key Personnel
- 14.3.5.□Key Product/Services
- 14.4.□Ciena Corporation
- 14.4.1.□Business Overview
- 14.4.2.□Key Revenue and Financials (If Available)
- 14.4.3.□Recent Developments
- 14.4.4.□Key Personnel
- 14.4.5.□Key Product/Services
- 14.5.□Stc pay Saudi
- 14.5.1.□Business Overview
- 14.5.2.□Key Revenue and Financials (If Available)
- 14.5.3.□Recent Developments
- 14.5.4.□Key Personnel
- 14.5.5.□Key Product/Services
- 14.6.□SubCom, LLC
- 14.6.1.□Business Overview
- 14.6.2.□Key Revenue and Financials (If Available)
- 14.6.3.□Recent Developments
- 14.6.4.□Key Personnel
- 14.6.5.□Key Product/Services
- 14.7.□Etihad Etisalat (Mobily)
- 14.7.1.□Business Overview
- 14.7.2.□Key Revenue and Financials (If Available)
- 14.7.3.□Recent Developments
- 14.7.4.□Key Personnel

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 14.7.5.□Key Product/Services
- 14.8.□Alcatel Submarine Networks
- 14.8.1.□Business Overview
- 14.8.2.□Key Revenue and Financials (If Available)
- 14.8.3.□Recent Developments
- 14.8.4.□Key Personnel
- 14.8.5.□Key Product/Services
- 14.9.□NEC Corporation
- 14.9.1.□Business Overview
- 14.9.2.□Key Revenue and Financials (If Available)
- 14.9.3.□Recent Developments
- 14.9.4.□Key Personnel
- 14.9.5.□Key Product/Services
- 14.10.□HMN Technologies Co., Limited
- 14.10.1.□Business Overview
- 14.10.2.□Key Revenue and Financials (If Available)
- 14.10.3.□Recent Developments
- 14.10.4.□Key Personnel
- 14.10.5.□Key Product/Services
- 15.□Strategic Recommendations
- 16.□About Us & Disclaimer

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Saudi Arabia Undersea Fiber Optic Cable Market By Fiber Type (Single-mode fiber and Multi-mode fiber), By Cable Design (Ribbon Tube, Loose Tube, Micro Loose Tube and Others), By End-Use Industry (IT & Telecommunication, Energy & Power and Others), By Insulation Type (Cross-Linked Polyethylene, Oil-Impregnated Paper, Resin-Impregnated Paper, Others), By Application (Deep-Sea Fiber Optic Cable, Shallow Sea Fiber Optic Cable), By Region, Competition Forecast & Opportunities, 2028

Market Report | 2023-04-01 | 76 pages | TechSci Research

To place an Order with Scotts International:

- ☐ - Print this form
- ☐ - Complete the relevant blank fields and sign
- ☐ - Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User License	\$3500.00
	Multi-User License	\$4500.00
	Custom Research License	\$7500.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

☐ ** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*

Phone*

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2025-05-06"/>
		Signature	<input type="text"/>

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com