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Middle Eastern companies that manufacture fiber optic sensors



Overview

Naficon Fiber Optic Manufacturing LLC in Dubai, UAE serves as a major Manufacturing and Supply Centre in the Middle East.

Key Takeaways

Key Middle Eastern manufacturers and suppliers of fiber optic sensors include Naficon (UAE), OPTEX/Fiber SenSys (UAE and Saudi Arabia), and AP Sensing, serving sectors from telecom to oil & gas.Leading Companies



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1. Naficon (UAE) Naficon Fiber Optic Manufacturing LLC, based in Dubai, UAE, is a major regional manufacturer of fiber optic products, including cables, connectivity solutions, and accessories. The company is ISO9001 certified and serves telecom, data centers, utilities, and defense sectors. Naficon emphasizes local manufacturing excellence and high-performance solutions for broadband, FTTH, and mission-critical networks, supporting both commercial and defense applications in the Middle East . 2. OPTEX Europe Limited and Fiber SenSys Inc Operating under a single entity in the Middle East, OPTEX and Fiber SenSys provide fiber optic perimeter intrusion detection systems and high-security sensors. They have local representation in Saudi Arabia and the UAE, offering multi-layered security solutions that integrate fiber optic fence intrusion detection, surveillance RADAR, LiDARs, PIRs, and beam towers. Their combined presence strengthens regional support for security and infrastructure monitoring projects . 3. AP Sensing AP Sensing specializes in Distributed Fiber Optic Sensing (DFOS) technology, providing solutions for real-time monitoring of underground and submarine power cables, overhead transmission lines, and critical infrastructure. Their systems are widely used in oil & gas, civil infrastructure, and utilities, offering advanced detection of temperature, strain, and acoustic events. AP Sensing emphasizes reliability in challenging environments and integrates fiber optic sensing with electrical condition monitoring .

Market Context

The Middle East DFOS market is valued at approximately USD 1.25 billion, with strong adoption in Saudi Arabia, UAE, and Qatar. Growth is driven by real-time monitoring needs in oil & gas, civil infrastructure, and smart city projects. Distributed Temperature Sensors (DTS) and Distributed Acoustic Sensors (DAS) are particularly in demand for pipeline monitoring, leak detection, and perimeter security . Government initiatives, such as the UAE Cabinet Resolution No. 43 of 2023, mandate the integration of advanced monitoring technologies, further boosting regional demand .

Applications

Fiber optic sensors in the Middle East are widely applied in:

• Telecommunications and data centers (broadband, FTTH, network monitoring)

• Oil & gas and energy sectors (pipeline monitoring, leak detection, asset integrity)

• Civil infrastructure (bridges, tunnels, and smart city projects)

• Security and defense (perimeter intrusion detection, high-security monitoring)
These companies and technologies collectively support the region's push toward automation, smart infrastructure, and enhanced operational safety .

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Article Content

Middle East Optical Sensors Market Share, Companies & Trends

Key players in this market include the GCC countries, particularly Saudi Arabia and the UAE, which dominate due to significant

Middle East Distributed Fiber Optic Sensor Market Share, Companies ...

The Middle East Distributed Fiber Optic Sensor Market worth USD 1.25 billion in 2025 is growing at a CAGR of 11.75% to reach USD

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Over the years, we have been supplying connectivity products and optical fiber solutions in the Middle east and to various OEMs

Fiber Optic Sensor Assemblies Market in the Middle East | Report ...

Exports of fiber optic sensor assemblies from the Middle East are modest and consist overwhelmingly of re-exports

OPTEX and Fiber SenSys joining forces | OPTEX Europe

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Both part of the OPTEX Group, OPTEX Europe Limited and Fiber Sensys Inc are experts in their respective fields.

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OPTEX, a leading sensor manufacturer for 40 years, and Fiber Sensys Inc, a provider of

18 Fiber Optic Sensor Manufacturers in 2026

This section provides an overview for fiber optic sensors as well as their applications and principles. Also, please take a look at the

Arabian Fiber Optic Cable Manufacturers

The Dubai-based Naficon Fiber Optic Manufacturing LLC serves as a key manufacturing and supply center in the

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Top 7 UAE Fiber Optic Cable Manufacturers & Suppliers

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Middle East Aerospace Fiber Optic Sensors Market Analysis 2026

The Middle East and Africa Aerospace Fiber Optic Sensors market size is USD 0.05 billion in 2023 and will expand at a compound

Company Profile

Established in 1995 in Riyadh, Saudi Arabia, Middle East Fiber Cable Manufacturing Co. (MEFC) represents a pioneering

Middle East Fiber Optic Temperature Sensor Market Analysis 2026

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We design and execute custom surveys targeting manufacturers, distributors, procurement heads, and end-consumers in the middle

Market Trends Shaping the Fiber Optics Industry in the Middle East

The Middle East and North Africa (MENA) region is experiencing significant growth in the fiber optics industry. This growth is driven

Top 64 Fiber Optic Cable Manufacturing Companies in United Arab ...

The company offers a comprehensive range of fiber optic products and services, including fiber termination, splicing, testing, and

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Middle East Fiber Cable Manufacturing Co. (MEFC) is a Saudi-Japanese partnership established in 1995 and located in Riyadh,

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Middle East Fiber Cable Manufacturing Co. (MEFC) is a Saudi-Japanese (Fujikura) partnership located in Riyadh, Saudi Arabia.

Top Companies in Distributed Fiber Optic Sensors 2034

Delve into the world of cutting-edge sensing technology as we unveil the top companies revolutionizing the field of distributed fiber

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For the optical fiber components market to truly flourish in the Middle East and Africa, greater regional cooperation, investment in

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The Middle East optical fiber cables market is a critical infrastructure pillar underpinning the region''s ambitious digital

Middle-East Optical Sensor Market

The application of advanced sensors for usage across different industries along with growing investments coming from

Fiber Optic Cable Manufacturer

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Middle East Fiber Cable Manufacturing Co. (MEFC) is a Saudi-Japanese partnership with Fujikura, headquartered in Riyadh, Saudi

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Middle East Fiber Cable Manufacturing Co. MEFC

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The Middle East Fiber Optic Revolution: A Region on the Move

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Over the last decade, the Middle East has undergone a profound transformation in digital infrastructure, led by the

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