Oman Optical Cable Deployment



Overview

Fiber Cable Division – Oman Fiber OpticOman Fiber Optic offers a wide range of fiber cable solutions to meet the ever expanding communication needs of vari.

Key Takeaways

Oman has a rapidly expanding optical fiber network, supported by both terrestrial and submarine cable systems, with multiple local providers delivering high-speed connectivity across the country. Key Fiber Optic InfrastructureOman's optical cable deployment includes both domestic and international networks. The Oman Emirates Gateway (OEG) is a 275-km submarine cable connecting Oman and the UAE, linking data centers in Barka, Salalah, and Dubai, and has been operational since July 2025, enhancing international connectivity and data capacity between the two countries.

Domestically, Oman Fiber Optic (OFO) and other providers have developed extensive terrestrial fiber networks, including outdoor and indoor fiber cabling, structured cabling systems, and FTTx solutions for residential, commercial, and industrial applications.

Leading Companies and Service Providers

Several companies are actively involved in Oman's fiber optic deployment: Oman Fiber Optic (OFO): Manufactures and supplies a wide range of fiber cables, including singlemode OS2 and multimode OM3/OM4, armored outdoor cables, and pre-terminated solutions for fast deployment in data centers and smart buildings. Ainaan Networks: Specializes in fiber optic installation, splicing, termination, and network solutions across Muscat, Nizwa, Sohar, and Salalah. Advance Business System (ABS): Provides fiber cables, termination boxes, joint closures, and professional network installation services.

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Connect: Offers structured cabling, network cabinets, and outdoor fiber solutions, including solar-powered smart surveillance integration. Other notable providers: TeO, GITACS LLC, i-Netcom, and Zenith Business International, focusing on FTTH, FTTX, and backbone network construction. Deployment and TechnologyOman's fiber optic deployment uses singlemode and multimode fibers, suitable for long-haul backbones and high-bandwidth short-distance applications.

Structured cabling systems are widely implemented in commercial buildings, campuses, and industrial sites, supporting FTTx, GPON, and high-density data center networks. Outdoor cables are designed to withstand harsh environmental conditions, including high temperatures, coastal saline exposure, and rodent damage, ensuring reliability for both urban and remote areas.

Tenders and Expansion

The optical fiber sector in Oman is actively expanding, with government and private tenders regularly issued for supply, installation, and maintenance of fiber optic networks. These projects cover hospitals, educational institutions, smart city initiatives, and telecom infrastructure, reflecting the growing demand for high-speed broadband and digital services. SummaryOman's optical cable deployment is characterized by a robust mix of submarine and terrestrial networks, supported by multiple local and regional providers.

The infrastructure includes high-capacity fiber backbones, structured cabling, and FTTx solutions, ensuring reliable connectivity for residential, commercial, and industrial users. Continuous expansion through tenders and new projects positions Oman as a key player in regional fiber optic connectivity.

Article Content

Fiber Cable Division – Oman Fiber Optic

Oman Fiber Optic offers a wide range of fiber cable solutions to meet the ever expanding communication needs of various sectors, institutional users and

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Contact D-Connect Oman to buy fiber optic & structured cabling. Fast delivery, local support, and enterprise-ready solutions.

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Structured Cabling in Oman | Installation Optic Fiber Cable for ...

Tasaheel Group is providing services and installation of optic fiber structured cabling for data networking for broadband internet and mobile communications in Sohar, Duqum, Muscat, and other locations in

OmanBroadBand — Unlocking Potential

The company has made great strides in expanding our fiber optics network across Oman, significantly boosting connectivity and supporting local development. We''ve also achieved 99% Omanization and

PHYSICAL INFRASTRUCTURE Oman Fiber Optic

These accessories enable robust splice management reducing error and future maintenance in network deployment. Outdoor and long haul fiber cables must

Oman Fiber Optic

The company has pioneered new technologies and achieved remarkable growth in manufacturing, supplying, and deploying fiber optic cables, as well as designing, deploying, operating, and

FTTH Network Design Guidelines for OBC

This document provides guidelines for fiber-to-the-home (FTTH) network design and planning according to Oman Broadband Company''s (OBC) requirements. It aims to ensure a consistent methodology

Oman Fiber Optic

Oman Fiber Optic is a leading one-stop solution provider for fiber optics requirements over the last two decades. The company has pioneered new technologies and achieved remarkable growth in

RRP: Bangladesh: Power System Expansion and Efficiency

Upon its completion, 80% of Muscat will be fiber-ready for connection with the gigabit-capable optical networks. The Project will improve Oman''s infrastructure in the information and

Oman Fiber Optic

Fiber Cable specialized & Standard Cables Production capacity 1.6MIL Km of Fiber 25,000 Km of cable Security and Defense Telecommunication Oil & Gas Utility

Zawawi Powertech Engineering LLC

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Advance Business System

Fiber Optic Network Solutions ABS provides a wide range of advanced IT and communication solutions in Oman, including fiber cables, termination boxes, joint

Oman Fiber Optics – Oman Fiber Optic

Oman Fiber Optic to open a new plant in November 2015 News update from Oman Fiber Optic. A new state-of-the-art plant to manufacture fibre

Oman Fiber Optic Cables Market (2025-2031) | Value & Outlook Growth

Oman Fiber Optic Cables Market Trends The Oman Fiber Optic Cables Market is experiencing significant growth opportunities driven by the increasing demand for high-speed internet connectivity,

Top Fiber Optic Cable Manufacturing Companies in Oman

When exploring the Fiber Optic Cable Manufacturing industry in Oman, several key factors come into play. First, understanding the regulatory environment is crucial, as local laws and standards govern

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Oman Fiber Optic takes pride in being an Omani Company which is bringing the latest optic fiber technology solutions to its clients. Contact us!

stc Group and Ooredoo Oman partner to transform

The SONIC project seeks to establish an international terrestrial fiber optic network corridor between Saudi Arabia and Oman. Both stc Group and

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