

# **Syria provides technical support for extending OM4 optical fiber cable**





## Overview

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Syria Launches "Barq Net" Project to Expand Nationwide Fiber Optic Infrastructure ✕ In a bold step toward full digital transformation, the Syrian Ministry of Communications and Technology has officially launched the "Barq Net" initiative, an ambitious national project to deliver. The BARQ NET FTTP initiative represents Syria's comprehensive fiber-to-the-premises infrastructure deployment across all 14 governorates: Damascus, Aleppo, Homs, Latakia, Hama, Tartus, Deir ez-Zor, Ar-Raqqah, Al-Hasakah, Daraa, Idlib, As-Suwayda, Quneitra, and Rif Dimashq. The project, described by the government as a cornerstone of its digital infrastructure. Syria's government is negotiating with leading Gulf telecom operators—Zain, Etisalat, STC, and Ooredoo—for a \$300 million project named SilkLink, aimed at modernizing the country's fibre optic communications infrastructure. Fibre optics offer faster and more reliable internet connections, which are essential for boosting economic growth and improving the quality of life for Syrians. With the potential to revolutionise everything from education to healthcare, the deployment of fibre networks could be a game-changer for. The SilkLink project is a new national initiative to build a 4,500 km long, 100 terabits per second fiber optic cable across Syria. It will connect Syrian cities and transform Syria into a digital corridor between Asia and Europe, with submarine landing stations in Tartus and inland data centers.



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### Syrian Ministry of Communications launches SilkLink

The project will span approximately 4,500 kilometers of optical fibers, connecting the main Syrian cities (Damascus and Aleppo) with switching centers

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**#syria #digitaltransformation #barqnet #fiberoptics #ftth #**

Syria Launches "Barq Net" Project to Expand Nationwide Fiber Optic Infrastructure ? In a bold step toward full digital transformation, the Syrian Ministry of Communications and Technology

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LoRawan outdoor base station



### OM1 OM2 OM3 OM4 OM5 Multimode Fibers Explained

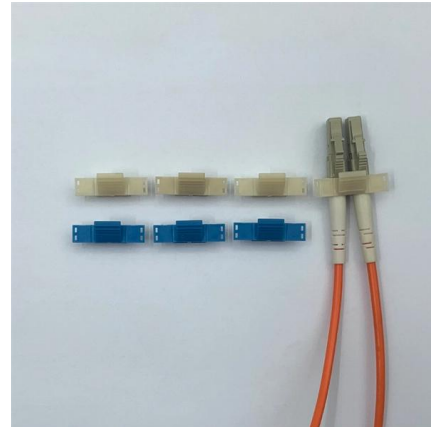
Understand the differences between OM1, OM2, OM3, OM4, and OM5 multimode fibers, including bandwidth, distance, and applications for

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### OPTIMAL SOLUTIONS COMPANY

FIBER PROJECTS We are the only company in Syrian Arab Republic that executes fiber cable projects using the fusion splicing technique.

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### Multimode Fiber Types: OM1 vs OM2 vs OM3 vs OM4

How Many Types of Multimode Fiber? Identified by ISO 11801 standard, multimode fiber optic cables can be classified into OM1 fiber, OM2 fiber,

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### OM4 multimode fiber standardization

Subject: Possible new multimode fiber class for 3rd edition of 11801 with higher bandwidth (e.g. OM4)

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### Gulf companies compete for Syrian fibre optic project

Syrian internet connectivity is poor SilkLink project aims to improve it US sanctions lifted Syria's government is in talks with regional telecoms

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## Syria nears SilkLink deal to avoid Red Sea data cable risks

The government has reportedly been in talks with Zain, Etisalat, STC and Ooredoo for the project, which will expand Syria's fibre-optic backbone and

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## What is OM4 Fiber?

OM4 fiber supports Ethernet, Fibre Channel, and OIF applications, allowing extended reach upwards of 550 meters at 10 Gb/s for ultra long building backbones and

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## Rebuilding Syria Projects , Building & Development

The SilkLink project is a new national initiative to build a 4,500 km long, 100 terabits per second fiber optic cable across Syria. It will connect Syrian cities and transform Syria into a digital corridor

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## Syria Engages Gulf Telecom Giants for \$300 Million

Syria's government is negotiating with leading Gulf telecom operators--Zain, Etisalat, STC, and Ooredoo--for a \$300 million project named

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### What are the differences between OM3 and OM4 patch

OM3 and OM4 patch cables are both multimode optical fibers designed for high-speed data transmission in networking applications. However,

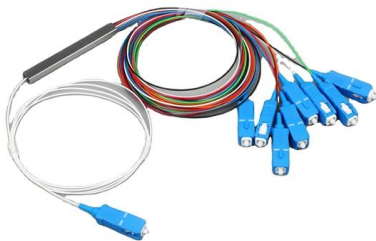
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### OPTIMAL SOLUTIONS COMPANY

Leased and connected to the project headquarters in Yafour with optical cables. Contract with the Syrian Telecommunications Company for the supply, installation, and operation of over 500,000 ADSL

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### BarqNet Project Aims to Deliver High-Speed Internet to

Syria's Ministry of Communications and Information Technology announced the launch of "BarqNet" on Sunday, a nationwide initiative to expand

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### Do I Need to Use OM4 From Now On? , UK Technical Support

Minimum Fiber Cable Bandwidth at 850nm; OM3 2700 megahertz\*Km; OM4 4700 megahertz\*Km The higher bandwidth available in OM4 means a smaller modal dispersion and thus allows the cable links

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### OM4 Fiber Optic Patch Cables, OM4 50/125 Optical Fiber Patch Cords

Our OM4 fiber optic patch cable assemblies are ready to meet the requirement for future 40G and 100G fiber optic networks, we have simplex, duplex and multi fiber patch cords OM4 types, and our OM4

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### Building the Future: The Crucial Role of Fibre Infrastructure in Syria

Building a solid foundation in digital infrastructure is critical for Syria's development. Fibre infrastructure stands at the forefront of this transformation. By understanding its core elements and

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### OM4: The next generation of multimode for the enterprise

Laser-optimized multimode fiber is recognized as the medium of choice to support these high-speed data networks. With next-generation 40- and 100-Gigabit

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### OM1 vs OM2 vs OM3 vs OM4 vs OM5 Multimode Fiber

Compare OM1, OM2, OM3, OM4, and OM5 multimode fiber specs, distances, bandwidth, and applications. Essential guide for data center fiber

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## Multimode OM4 , Fiber Optic Cable , Data Center

Looking for multimode OM4 fiber? trueFIBER offers various lengths, low insertion loss, and excellent reflection for Data Center, Enterprise FTTH and residential

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## OM2 Opti OM3 OM4 Multimode TR2 042214

TECHNICAL INFORMATION Panduit OM2 and laser-optimized OM3, OM4 and Signature Core™ multimode fibers exceed domestic and international standards for optical fiber, including

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## OM3-OM4\_6p\_CorrP1\_HR

MaxCap-OM4 blue print for new OM4 standard Draka is already able to conform to OM4 specifications with its MaxCap-OM4 multimode fiber, putting it in the forefront in replying to industry requirements

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## The Future of Fibre in Syria: How Syriatel and MTN Can Lead the Way

In this post, we will explore how Syriatel and MTN can lead the charge in establishing a robust fibre future for Syria. The fibre optics landscape in Syria is gradually evolving, with significant room for

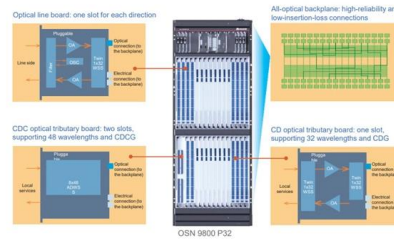
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## Multimode fiber standards: OM1, OM2, OM3, OM4, and OM5

In fiber optic communication systems, multimode fiber is favored because of its suitability for short-distance transmission and relative low cost. In this article, we will take you through the

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## BARQ NET FTTP

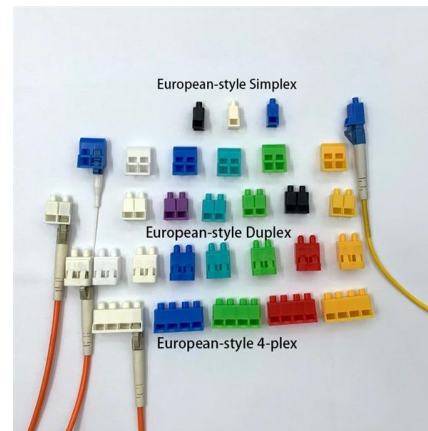
Fiber optic cable specifications, installation methods, and scalable capacity management, including environmental durability against heat, humidity, and

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## OM4 Multimode Cables

OM4 Multimode Cables are high-performance optical fiber cables with a 50µm core, supporting up to 400 meters at 10 Gbps and 150 meters at 100 Gbps, OM4

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## Syria launches SilkLink project to revolutionize telecommunications

The Syrian Ministry of Communications and Information Technology has announced the SilkLink project, a major initiative in collaboration with global companies to enhance Syria's optical

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## The Future of Fibre in Syria: How Syriatel and MTN Can Lead the Way

The fibre optics landscape in Syria is gradually evolving, with significant room for growth and development. Understanding the current state of infrastructure, challenges, and governmental

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### OM4 Fiber Optic Cable

For campus network users, the OM4 fiber optic cable will support 4Gb/s fiber link length 400m, 8Gb/s fiber link length 200m, 16Gb/s fiber link length 130m. OM1

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