

Israeli manufacturer s figure-eight optical cable OM4

Article Overview

Figure-8 OM4 optical cables are self-supporting aerial multimode fiber cables designed for high-performance network deployments, including rural broadband and 5G backhaul.

Overview

Figure-8 optical cables integrate optical fibers with a messenger wire in a distinctive “8” cross-section, allowing self-supporting aerial installation without additional hardware. This design simplifies deployment, reduces costs, and enhances reliability compared to traditional lashed or ADSS cables . OM4 multimode fiber, with a 50/125µm core, provides high bandwidth, low insertion loss, and long-distance transmission, making it ideal for data centers, telecommunications, and industrial networks .

Construction and Features

- **Loose Tube, Gel-Free Design:** Protects fibers from environmental stress and allows easy mid-span access .
- **Self-Supporting Messenger Wire:** Enables aerial deployment over long spans without extra support .
- **Durable Jacket:** Medium-density polyethylene jackets are rugged, flame-retardant, and easy to strip .
- **Core Options:** Available in multiple core counts (e.g., 2-432 fibers) to suit various...

Article Content

Aug 18, 2025

Optical Cables

The following section refers to both optical cables that constitute a part of AOC cables as well as standalone optical

Apr 14, 2026

OM4 Fiber Optic Cable Assemblies – Mouser

OM4 Fiber Optic Cable Assemblies are available at Mouser Electronics. Mouser offers inventory, pricing, & datasheets for OM4 Fiber

Feb 17, 2026

OM4 Multimode Fiber Optic Cables for 40G/100G

Get OM4 multimode fiber optic cables 50/125 with bend insensitive fiber design that support 40G/100G

Nov 20, 2025

Understanding the Differences Between OM4 and OM5

Multimode fiber is a staple of fiber-optic cable infrastructure in data centers and campus

Dec 14, 2025

Fiber Optic Cable

Fiber Cable Belden's extensive line of indoor and outdoor cable products is offered in tight buffer and loose tube designs. Armored,

May 05, 2026

Fiber Optic Cables | OS1, OS2, OM1, OM3 and OM4 Cables

Both singlemode and multimode fiber optic cables have the same working functions and principles, however, each offer their own

Feb 01, 2026

The Most Comprehensive Guide To Figure 8 Fiber

As of 2025, figure 8 fiber optic cable remains the preferred choice for rural broadband,

Dec 06, 2025

best 8 core om4 Fiber Optic Cable multimode multi core

TMT GLOBAL provides high-strength optical fiber cables for use in various industrial, indoor, and outdoor

Mar 10, 2026

OM4 Fiber Optic Cable

OM4 Fiber Cables from Professional China Manufacturer Om4 fiber optic cables are ISO/IEC 11801 approved building levels and

Aug 26, 2025

Fiber-optic cable

A fiber-optic cable, also known as an optical-fiber cable, is an assembly similar to an electrical cable but

Oct 02, 2025

Fiber Optic Cables Adapters Couplers Connectors Bulk Cable

Fiber Optic Cables, Adapters, Couplers, Connectors & Other Components At L-com, we are a global leader of wired and wireless

Aug 18, 2025

Top Fiber Optic Cable Manufacturing Companies in Israel

When exploring the fiber optic cable manufacturing industry in Israel, several key considerations emerge. The country boasts a highly

Apr 04, 2026

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

Dec 13, 2025

Outdoor Fiber Optical Self-supporting Figure 8 Cable

This compact figure 8 fiber optic cable is not only lightweight and flexible but also

Apr 05, 2026

OM4 Multi Mode Fiber Optic Cables |

At Fiber4u , we offer cables from manufacturers such as HES Kablo, Corning, SAMM, Haşçelik, Turkuaz Kablo, ETK Kablo, HCS

Apr 19, 2026

om4 multimode Fibre Optic Cables – Mouser Israel

om4 multimode Fibre Optic Cables are available at Mouser Electronics. Mouser offers inventory, pricing, & datasheets for om4

Jul 31, 2025

OM4 Fibre Optic – Mouser Israel

OM4 Fibre Optic are available at Mouser Electronics. Mouser offers inventory, pricing, & datasheets for OM4 Fibre Optic.

Jan 17, 2026

Fibre Optic Cable

View Eland Cables" range of singlemode and multimode fibre optic cables - loose tube and tight buffered. Technical support, fast

May 08, 2026

4 Core Armored Figure 8 Self Supporting Aerial Fiber cable

4 Core Armor Figure 8 Self Supporting Aerial Fiber cable GYTC8S Fiber Optic Cable Armor Stranded Loose Tube Steel Wire

Apr 18, 2026

Top 41 Fiber Optic Cable Manufacturers in Israel (2026) | ensun

When exploring the fiber optic cable industry in Israel, several key considerations come into play. First, understanding the regulatory

Dec 22, 2025

OM4 Optical Fiber Cabling Guide | Cablek

OM4 is a laser-optimized, high bandwidth 50um multimode fiber. In August of 2009, TIA/EIA approved and released 492AAAD,

May 13, 2026

OM4 Fibre Optic Cables – Mouser Israel

Mouser offers inventory, pricing, & datasheets for OM4 Fibre Optic Cables.

Jul 06, 2026

ALTOS® Figure-8 Loose Tube, Gel-Free Cable | Corning

Corning ALTOS® figure-8 gel-free cables are self-supporting aerial cables designed for easy and economical one-step installation.

Jul 22, 2026

Fiber Optic Cable | Farnell Israel

Buy Fiber Optic Cable. Farnell Israel offers fast quotes, same day dispatch, fast delivery, wide inventory, datasheets & technical

Nov 13, 2025

Multimode Optical Fiber

Multimode optical fiber continues to be the more cost-effective choice over single-mode optical fiber for shorter-reach applications.

Sep 29, 2025

48 Core GYTC8S Figure-8 Fiber Optic Cable Price & Datasheet

This kind of cable is specifically used for self supporting aerial installation. The mental strength member is made up of stranded wires

Dec 19, 2025

Understanding Fiber Optic Cables and Connectors

Read Whitepaper: Discover the fiber optic cable and connector types, specifications, benefits, typical

Apr 06, 2026

8 Core GYTC8S Figure-8 Fiber Optic Cable Price

This kind of cable is specifically used for self supporting aerial installation. The mental

Nov 08, 2025

OM4 Multimode Fiber Optic Cable | Farnell Israel

Buy OM4 Multimode Fiber Optic Cable. Farnell Israel offers fast quotes, same day dispatch, fast delivery, wide inventory, datasheets

Sep 10, 2025

OM4 Fibre Optic Cables – Mouser Europe

OM4 Fibre Optic Cables are available at Mouser Electronics. Mouser offers inventory, pricing, & datasheets for OM4 Fibre Optic

Mar 30, 2026

8 Core OM4 50/125 LT Fibre Cable (metre)| Fibre Optic Cable | CMW

8 Core OM4 50/125 LT Fibre Cable - Cable Management Warehouse, CMW Ltd Optical fibre cables have been

Sep 29, 2025

Fiber Optic Cables Suppliers in Israel

Locate Fiber Optic Cables suppliers, manufacturers & distributors in Israel. Interactive map of Israel provided.

Nov 24, 2025

Figure-8 Self-supporting Uni-tube Optical Cable (GYAXTC8Y ...

Figure-8 Self-supporting Uni-tube Optical Cable (GYAXTC8Y/ GYAXTC8Y-J) Optical fibres are housed in a loose tube that is made

Mar 11, 2026

Figure 8 Outdoor Optical Fiber Cable Manufacturer

As a trusted figure 8 fiber optic cable manufacturer and fiber optic cable manufacturer, we deliver versatile cable options tailored to

Dec 15, 2025

Fiber Optic Cables

L-com provides a wide variety of fiber optic cables in multiple configurations. We offer specialized fiber optic cable assemblies in

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.iiss.co.za>

Email: sales@iiss.co.za

Phone: +27 63 174 2895

Address: Unit 8, Innovation Park, 15 Rivonia Road, Sandton, Johannesburg,
2196, South Africa

This document is for informational purposes only. Specifications subject to
change without notice.

