

Bulgarian Active Optical Fiber Cable OSFP



Overview

The 400G OSFP AOC (active optical cable) is a 400 Gb/s parallel active optical cable, which transmits parallel 8x50 Gb/s PAM4 signals over multi-mode fiber (MMF) OM3 cables up to 100m. THE SHORTEST PATH BETWEEN TWO IDEAS! Cimler Ltd. is a Bulgaria-based company specializing in the manufacturing of fiber optic cables, offering a wide variety of types to meet diverse industry needs. Our Electronics Products 'Product of the Year' award winning OSFP (Octal Small Form Factor Pluggable) cable assemblies are compatible with 25G/lane channel NRZ up to 224G/lane channel PAM4 signaling protocols that allow the cables to. Products, Optical communications, optical communication systems, consulting, design, splicing, testing of fiber optic lines, localization and elimination of damages. Representative of Sumitomo, EXFO, Trend Network and Euroclust for Bulgaria. Fibre Optic Cables are available at Mouser Electronics. Mouser offers inventory, pricing, & datasheets for Fibre Optic Cables. Siemon's 50G per lane PAM4 Ethernet or InfiniBand™ OSFP Active Optical Cable assemblies (AOCs) are designed to exceed industry standard performance offering a cost-effective, low latency, low-power option for high-speed data center interconnects.



Article Content

Jan 05, 2026

13 companies for Fiber Optic Cable Manufacturing in Bulgaria

When exploring the Fiber Optic Cable Manufacturing industry in Bulgaria, several key considerations come into play. The country benefits from a strategic geographical location in Southeast Europe,

Dec 12, 2025

What You Need to Know About 800G OSFP Active

Discover everything you need to know about 800G OSFP Active Copper Cables for InfiniBand NDR networking. Leading the industry in cable

Oct 06, 2025

Fiber optic cables

Fiber Optic Assembly Lab Cimler Ltd. is a Bulgarian manufacturer of high-quality optical cables, established in 2018. Our production plant began

Jan 23, 2026

800G OSFP Active Optical Cables | AscentOptics

800G OSFP AOC Product Descriptions The 800G OSFP AOC (active optical cable) is an 800 Gb/s parallel active optical cable, which transmits parallel 8×100 Gb/s PAM4 signals over multi-mode fiber

Aug 28, 2025

800G OSFP112 Active Optical Cables 8x100G PAM4,

FIBERSTAMP 800G OSFP AOC active optical cable is used for short-distance interconnections between equipment within data centers and are compliant with

Jul 06, 2025

400G Optical Modules Explained: SR4 Vs. DR4 Vs. FR4

Key differences between SR4, DR4, FR4, and LR4 400G optical modules. Expert advice from Asterfusion engineers to optimize your data center

Apr 26, 2026

Active Optical Cables

400G PAM4 OSFP Straight Throughs and Breakouts Regional Availability — Global Siemon's 50G per lane PAM4 Ethernet or InfiniBand™ OSFP Active Optical Cable assemblies (AOCs) are designed to

Nov 27, 2025

Bulgaria Active Optical Cables Market | Outlook & Size 2032

Bulgaria Active Optical Cables Market analyzes consumer behavior and usage patterns, highlighting trends and preferences shaping the industry landscape.

Apr 07, 2026

OSFP active optical cables build a strong 400G foundation in data ...

Future proof your high speed cabling for 400G with OSFP AOCs New information technologies helping connect a socially distanced world are rapidly materializing. The shift to perform data exchanges

Apr 06, 2026

Understanding the OSFP-XD Cable: A Comprehensive

Q: What precisely does it refer to when claiming active optical cables (AOCs) are advanced over previous optical cables in the OSFP-XD context? A:

Apr 16, 2026

Fibre Optic Cables – Mouser Bulgaria

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

Jun 16, 2026

400-Gbps OSFP GEN1 Active Optical Cable

Compliance to OSFP MSA Supports 400 Gbps data rate links up to 70m/100 m via OM3/OM4, respectively. Typical Power Consumption: 10W (each port) Hot

Aug 07, 2025

COMNEN 800G OSFP Active Optical Cable Datasheet

General Description The OSFP-800G-AOC01 is a OSFP to OSFP active optical cable for short-range data communication and interconnect applications. Each AOC has 8 duplex channels with 850Gbit/s

Jun 19, 2026

OSFP Cable Overview and Applications – aobla

Active Optical Cables (AOC) These cables integrate optical transceivers with permanently attached fiber optic cables, offering high performance over longer distances.

Aug 20, 2025

Optical Transceivers | Fiber Optic Transceivers | Form

Using fiber optic technology, it converts electrical signals from switches or routers into optical signals, transmitted as pulses of light, enabling

Jul 03, 2025

Bulgaria Active Optical Cables Market | Outlook & Size 2032

6Wresearch actively monitors the Bulgaria Active Optical Cables Market and publishes its comprehensive annual report, highlighting emerging trends, growth drivers, revenue analysis, and

Dec 23, 2025

400G OSFP AOC Active Optical Cable (AOC)

400G OSFP AOC is a active optical Cable for short-range data communication and interconnect applications. Each AOC has 8 duplex channels with 448Gb/s

Nov 29, 2025

800G OSFP Active Optical Cable (AOC) 1m 2m 3m up

Crafted with advanced optical technology, the 800G OSFP Active Optical Cable ensures exceptional performance over distances of up to 300 meters on OM4

Feb 12, 2026

OSFP active optical cables create a scalable 400G foundation in data ...

With 400G readily available for the fiber market (and 800G hot on its heels), laying a scalable yet streamlined foundation on high density OSFP optics has never been more critical for

Feb 26, 2026

SFP+ Cables

Online shopping. w/24h-delivery, 7Days & Refund Guarantee. CE, RoHS and ISO9001 Certified. SFP+ Cables, QSFP+ Cables, MiniSAS Cables, XFP Cables,

Apr 28, 2026

Active Optical Cables

The Active Optical Cables support 400G PAM4 applications and are available in standard lengths up to 100 meters including 1:2, 1:4 and 1:8 breakouts.

Oct 23, 2025

Understanding OSFP Cable Assemblies: The Key to

Cable Type: Performance needs and budget are considered in deciding whether to use active, passive or optic cables. Heat Dissipation: The

Mar 16, 2026

The Definitive Guide to 800G OSFP/QSFP-DD AOC Cables for

In the rapidly evolving landscape of hyperscale computing, the 800G OSFP/QSFP-DD AOC Cable stands as a pivotal innovation for seamless data center interconnectivity. This

Feb 11, 2026

OSFP Cable Assemblies | High Speed Input Output

Our Electronics Products Product of the Year award- winning OSFP (Octal Small Form Factor Pluggable) cable assemblies are compatible with

Jun 05, 2026

400G OSFP Active Optical Cables | AscentOptics

AscentOptics provide high performance, high density and low power 400G OSFP active optical cables (AOC), which is suitable for short-range interconnection in

Jan 25, 2026

Products

Representative of Sumitomo, EXFO, Trend Network and Euroclust for Bulgaria.

Contact Us

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

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