

Optical Module OSX



Overview

Huawei OSX010000 SFP+ is a new generation of 10 Gigabit optical modules. 5G and Ethernet 10G in accordance with the ANSI T11 protocol. The Optical Switch, OSX-100 is a customizable benchtop/rackmount instrument ideal for high-volume manufacturing production testing. Available in single-mode or multimode, channel counts range from 1x2 up to 1x400. A. REACH is a European Union regulation concerning the Registration, Evaluation, Authorization and Restriction of Chemicals. The regulation aims to protect human health and. Deploy Huawei OSX001001 10Gb/s 1310nm LC SM SFP+ for 10km uplinks on MA5600T OLT, ensuring stable fiber access and easy replacement with original optics. Global Shipping & Tech Support This Huawei® OSX010000 compatible SFP+ transceiver provides 10GBase-LR throughput up to 10km over single-mode fiber (SMF) using a wavelength of 1310nm via an LC connector. It can operate at temperatures between 0 and 70C. It supports long-distance transmission and is suitable for data centers, enterprise networks, 5G communications, artificial intelligence, big data and other fields.



Article Content

Sep 28, 2025

OSX010000, Huawei SFP+ Optical Transceiver, 10G

What accessories are available for the Huawei OSX010000 Optical Transceiver?
Accessories for the Huawei OSX010000 include compatible LC fiber optic cables

Nov 14, 2025

Co-Packaged Optics (CPO) Market Trends 2026: AI Data Center Optical ...

Explore the future of co-packaged optics (CPO) in AI data centers. Learn how silicon photonics, optical I/O, and high-speed optical interconnect technologies are shaping next-generation

Aug 28, 2025

OSX001002 Huawei | From €12 | EDGE Optical Solutions

Huawei OSX001002 (S4017483) compatible 10GBASE-LR SFP+ transceiver. 1310nm, 10km SMF, 6dB budget. DDM, IEEE 802.3ae. In stock from €12.

Dec 01, 2025

POET Technologies and LITEON Announce Joint Development of Optical ...

POET is a design and development company offering high-speed optical modules, optical engines and light source products to the artificial intelligence systems market and to hyperscale data

Mar 21, 2026

Broadcom, Marvell set to benefit as 1.6T optical modules near mass ...

1.6T optical communication modules are set for broad adoption in AI data centers in 2026, with optical transceiver vendors and key IC design houses preparing for shipments.

Dec 22, 2025

OFC 2025: POET demos light source, 1.6T optical engines, for AI apps

It is a crucial component to getting to 3.2T in pluggable optical modules and achieving the higher speeds, bandwidth and low-latency needed for chip-to-chip data communication links." The

Jan 06, 2026

Optical Switch (OSX-100) | Santec Holdings Corporation

The Optical Switch, OSX-100 is a customizable benchtop/rackmount instrument ideal for high-volume manufacturing production testing. Available in single-mode or multimode, channel counts range from

Jul 18, 2025

Osx010000-c Datasheet

Our transceiver is built to meet or exceed OEM specifications and is guaranteed to be 100% compatible with Huawei®. It has been programmed, uniquely serialized, and tested for data-traffic and

Oct 23, 2025

Huawei OSX010000 Compatible 10Gb SFP+ Transceiver Module

This high-quality Huawei OSX010000 Compatible 10GBASE-LR SFP+ 1310nm 10km DOM Transceiver. A cost-effective solution that provides high bandwidth and transmission rates over short distances.

Sep 29, 2025

Huawei OSX010000 SFP+ 10G Single Mode Optical

Huawei OSX010000 SFP+ 10G transceiver for single-mode fiber, 1310nm wavelength, 10km range. Compliant with 10Gbase-LR standard.

Apr 11, 2026

POET Technologies and LITEON Announce Joint Development of Optical ...

This approach enables scalable, cost-efficient production of advanced optical modules for next-generation co-packaged optics, AI systems, and high-bandwidth data center applications.

Mar 16, 2026

NVIDIA Optical Modules Buying Guide: QSFP-DD vs OSFP 800G

Comprehensive guide to NVIDIA optical modules covering QSFP-DD and OSFP 800G solutions. Learn about compatibility, deployment considerations, and technical specifications for

Jan 09, 2026

NVIDIA Optical Modules: QSFP-DD/OSFP 800G Solutions,

Explore NVIDIA's 800G optical modules with QSFP-DD and OSFP form factors. Learn about performance specifications, compatibility features, and application scenarios for AI clusters

Jun 16, 2026

Why China's optical communications sector is the latest AI boom ...

Optical modules, also known as optical transceivers, convert electrical signals to optical signals, and vice versa, for high-speed data transmission in networking and AI infrastructure systems.

Nov 05, 2025

Huawei Unveils StarryLink Optical Modules That Deliver

To address these challenges, Huawei's StarryLink optical modules deliver a high-quality network experience with three key capabilities: Spanning:

Feb 08, 2026

Optical Transceiver Companies

Cisco Systems, Inc. offers optical transceiver modules used in various networking applications, ranging from campus to data centers to service provider networks. Its pluggable optics innovation,

Apr 13, 2026

Optical Module Market Size, Competitors & Forecast to

The Optical Module Market, valued at USD 30.01B in 2026, is projected to reach USD 66.94B by 2032, growing at a 14.1% CAGR.

Aug 04, 2025

OFC 2024: Optomind, MaxLinear demo 800G LRO optical modules

MaxLinear, Inc. and Korea-based Optomind, demonstrated 800G half re-timed linear receive optics (LRO) optical modules and AOCs leveraging Optomind's patented optical assembly

Feb 19, 2026

EG Industries unit bags RM949mil order for optical modules, wireless ...

KUALA LUMPUR: EG Industries Bhd said its wholly-owned subsidiary SMT Technologies Sdn Bhd has secured an order for US\$241.6mil (RM949.18mil) of high-speed 800G optical modules

Sep 23, 2025

Keysight Introduces New 224G Test Solutions to Enable

Enables the development of next-generation multimode optical components and modules of 1.6T interconnects for AI applications. Expedites

Sep 30, 2025

Google's High-Speed Interconnect Architecture to Push

Google's next-generation TPU, Ironwood, integrates a 3D Torus network topology with the Apollo optical circuit switch (OCS) all-optical network,

Jun 23, 2026

Huawei OSX010000 SFP+ 10G Optical Transceiver Module

Huawei OSX010000 SFP+ is a new generation of 10 Gigabit optical modules. It can meet the applications of Fibre Channel 8.5G and Ethernet 10G in accordance

Sep 22, 2025

10G single-mode OSX010000: a reliable solution for enterprise high ...

The 10G single-mode optical module OSX010000 can provide high-speed data transmission capabilities and is used to connect large-scale data centers, storage devices and analysis servers to achieve

Jun 17, 2026

HW OSX010000 10GBASE-LR SFP+ Transceiver

Take a look at our test program to get the reliable and high-performance optical

Mar 17, 2026

Huawei OSX001001 10Gb/s 1310nm SFP+ 10km LC SM

High-Profit data center switches from Cisco, Huawei, Mellanox & Juniper. Deploy

Jun 01, 2026

SFP+ Optical Transceiver Modules (10G-SR/LR)

Amphenol SFP Optical Modules • SFP+ Optical Modules from Cables on Demand are Now Available in both Short Range (SR) Multimode and Long Range (LR)

Mar 27, 2026

POET Technologies and LITEON Announce Joint Development of Optical ...

SAN JOSE, CA, March 16, 2026 -- POET Technologies Inc. (" POET " or the " Company ") (NASDAQ: POET), a leader in the design and implementation of highly-integrated optical engines and light

Feb 18, 2026

LightCounting :: November 2025 The year of Silicon

Silicon Photonics (SiPho) is the hottest optical technology now. Sales of optical transceivers are skyrocketing and CPO development is accelerating.

Contact Us

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