

French CE certified LPO optical module 400G



Overview

This product is a 400Gb/s QSFP112 optical module designed for 0.5Km optical communication applications. The module converts 4 channels of 100Gb/s (PAM4) electrical input data to 4 channels of parallel optical signals, each capable of 100Gb/s operation for an aggregate data rate of. LPO Series — EU-Tested Low-Power Optical Transceivers Next-generation 400G and 800G modules for data centers, AI clusters, and telecoms — validated in a European lab, ready to ship from Europe. What is Low-Power Optical Transceivers (LPO)?

Linear Pluggable Optics (LPO) replace the DSP inside the. An LPO (Linear Pluggable Optics) solution offers considerable power savings for optical interconnect by removing the digital signal processing (DSP) function from the pluggable optical module. This architecture takes advantage of the capabilities in each segment of the link to form a power, cost. Eoptolink QSFP112 400G LPO transceivers are compliant to the latest releases of the QSFP112 MSA. We offer transceivers for DR4, SR4 and FR4 interfaces.



Article Content

Jan 09, 2026

LPO MSA Announces Release of 400G-FR4-LPO Specification for

The specification defines the necessary optical and electrical requirements for a robust ecosystem of LPO-compatible switch, NIC and module products leveraging WDM infrastructure.

Aug 15, 2025

LPO 400G QSFP112 DR4 MTP/MPO Optical

COMNEN's LPO 400G QSFP112 DR4 Optical Transceiver Module is a state-of-the-art solution purpose-built for high-speed, short-range optical connectivity within

Apr 06, 2026

400G LPO QSFP112

Eoptolink QSFP112 400G LPO transceivers are compliant to the latest releases of the QSFP112 MSA. The firmware supports CMIS 5.0 and newer release. We offer transceivers for DR4, SR4 and FR4

Mar 19, 2026

400G Optics | HPE Juniper Networking US

All Juniper qualified 400G optics are compliant with key industry standards and specifications for seamless interoperability in multivendor environments.

Feb 09, 2026

Linear Pluggable Optics (LPO) Reshape 400G-800G Networks in Europe

As cloud providers, HPC clusters and telcos ramp up 400G and 800G deployments, conventional optical transceivers are hitting efficiency, cost and latency limits. That's where Linear Pluggable Optics

Aug 29, 2025

LPO MSA Announces Release of 400G-FR4-LPO Specification for

Adding the 400G-FR4-LPO physical medium specification supports the LPO MSA's goal of enabling broad market adoption of linear pluggable fiber optic links. The specification defines the necessary

Jun 20, 2026

400G LPO QSFP112 SR4 Optical Transceiver Module

FiberMall LQSFP112-400G-SR4 uses LPO (linear drive optical module) technology and is suitable for data centers, backbone networks, access network

Feb 05, 2026

Cisco 400G QSFP-DD High-Power (Bright) Optical Module

Product overview Cisco is now expanding the range of 400G Digital Coherent QSFP-DD transceivers, introducing High Tx Power variants (+1dBm of Tx Power). Thanks to the miniaturization of the

May 17, 2026

LPO MSA Announces Release of Specification for Linear Pluggable Optical ...

The 100G-DR-LPO specification has been validated by extensive member interoperability testing to confirm that it meets the LPO MSA's goal of enabling broad market adoption of linear

Jun 05, 2026

ECOC25: LPO MSA Releases 400G-FR4-LPO Spec to

DSP-based modules still dominate volume deployments due to their maturity and proven performance, while LPO modules have only begun to see

Nov 21, 2025

FS Launches 800G LPO Module: A Power Efficiency and Latency

FS introduces an 800G LPO optical module, powering AI and HPC data centers with ultra-low power consumption, reduced latency, and proven reliability.

Jan 26, 2026

400G-FR4 Technical Specifications Rev 2.0

400G-FR4-3-Open Eye modules comply with the requirements of this document and have the following common features: one optical transmitter; one optical receiver with signal detect and a duplex optical

Aug 23, 2025

400G QSFP112 DR4 LPO

This product is a 400Gb/s QSFP112 optical module designed for 0.5Km optical communication applications. The module converts 4 channels of 100Gb/s (PAM4) electrical input data to 4 channels

Dec 05, 2025

400G Optical Modules 2026 Guide: DR4 vs. FR4 vs. LR8 Lab

For 2026 deployments, prioritizing LPO-ready 400G optics is critical for both energy efficiency and 800G readiness Quick Answer: What are 400G Optical Modules? 400G optical

Jun 15, 2026

LPO OSFP 2x400G FR4 Optical Transceiver Module

FiberMall LOSFP-800G-2FR4L LPO OSFP 2x400G FR4 Transceiver Module is designed for 800GBASE Ethernet with low power consumption, low cost, and

Jun 09, 2026

LPO News

LPO MSA Announces Release of 400G-FR4-LPO Specification for Linear Pluggable Optical Modules Date: September 25, 2025 ECOC2025,

Feb 22, 2026

COMNEN 400G QSFP112 DR4 LPO Optical Transceiver Datasheet

This product is a 400Gb/s QSFP112 optical module designed for 0.5Km optical communication applications. The module converts 4 channels of 100Gb/s (PAM4) electrical input data to 4 channels

Dec 23, 2025

400G LPO QSFP112 SR4 PAM4 850nm 50m MTP/MPO-12 OM3 Optical

400G LPO QSFP112 SR4 PAM4 Optical Transceiver Module (850nm MTP/MPO12 OM3 50m with FEC DDM) Product Details Alistar P/N LQSFP112-400G-SR4

Dec 19, 2025

Linear Pluggable Optics (LPO) Europe | EU-Tested 400G/800G Modules

All LPO modules undergo independent validation in EU laboratories for power, signal integrity, and interoperability. A downloadable test summary will be available upon final verification.

Jun 21, 2026

400G QSFP112 SR4 100m Optical Transceiver Module

The optical interface uses 12 fiber MTP (MPO) connector. The Common Management Interface Specification (CMIS) for QSFP112 modules, This module incorporates GIGALIGHT Technologies

Jul 23, 2026

COMNEN 400G QSFP112 DR4 LPO Optical Transceiver Datasheet

An optical fiber cable with an MTP/MPO-12 connector can be plugged into the QSFP112 DR4 module receptacle. Host FEC is required to support up to 0.5Km fiber transmission.

Apr 25, 2026

LPO Optical Transceiver Modules | AscentOptics

LPO Optical Transceiver Modules with minimal power, cost, and latency, it's a revolutionary solution for high-performance data communication - AscentOptics.

Sep 19, 2025

LRO, LPO, and Silicon Photonics

LPO (Linear Pluggable Optics) transceivers lack full retiming (DSP) circuitry that is common in all prior generations of 400G, 800G and 1.6T optical modules. As a result, LPO relies on the host to handle

Jun 04, 2026

Modules émetteurs-récepteurs optiques 400G LPO QSFP112

Découvrez l'avenir avec notre 400G LPO QSFP112, intégrant la technologie Linear-Drive pour des performances inégalées à courte portée, à bande passante élevée et à faible latence. Dites adieu

Jan 24, 2026

400G LPO QSFP112 DR4 Optical Transceiver Module

FiberMall LQSFP112-400G-DR4 optical module has the characteristics of low power consumption, low cost, faster response time, higher optical power, and limited

Contact Us

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