

# Manufacturer LPO optical module 400G



## Overview

The 400G-FR4-LPO specification by the LPO (Linear Pluggable Optics) MSA defines a four-wavelength 100 Gb/s/lane, 53.125 GBd, PAM4 optical interface using standard single-mode fiber with reach up to at least 500 m, and host-module electrical interfaces for hosts with DSP based SerDes. Experience the future with our 400G LPO QSFP112, integrating Linear-Drive Technology for unparalleled short-range, high-bandwidth, and low-latency performance. Say goodbye to complex CDR or DSP systems as LPO transceivers bring forth exceptional advantages. With power consumption below 4W, it. 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 400Gb/s. Our vertical integration for optical engines enables leading performance and per consumption.

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This 400G LPO QSFP112 module has low power consumption, which can reduce latency and meet our requirements in the data center. FiberMall LQSFP112-400G-FR4 uses LPO technology and is a high ...



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.



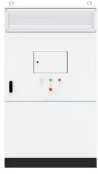
The Hyper Photonix HSO8-400-LP-C2S transceiver is designed for 400G Ethernet and InfiniBand communication application links over 500m of single-mode fiber (SMF), and it is compliant with ...



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.



The LPO optical module performs transmit and receive functions that convey analog signals between the host and the medium. Its electrical interfaces are based on OIF CEI-112G ...



Experience the future with our 400G LPO QSFP112, integrating Linear-Drive Technology for unparalleled short-range, high-bandwidth, and low-latency performance. Say goodbye to complex ...



400G QSFP112 DR4 LPO uses advanced linear technology, without DSP or CDR, to transmit and receive optical data at speeds up to 106.25 Gbps per channel using PAM4 modulation over single ...



As a leading manufacturer of optical devices and optical network equipment, Guangzhou Ruidong Technology (Fiberwdm) has been committed to the application of new technologies, and ...



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 ...



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## Contact Us

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