Optics & Photonics

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Customized LPO optical module 400G

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	Linear Pluggable Optics (LPO) for AI. DSP-free 800G & 400G modules reducing power by 50% and latency by 75%. The ideal choice for machine learning clusters.
	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 ...
	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.
	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 ...
	For a hyperscale data center with hundreds of thousands of optical modules, this translates to significant energy savings that can be applied to more GPU clusters for AI training and inference.”

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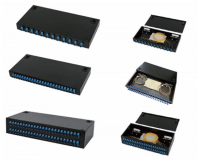
	Eoptolink QSFP112 400G LPO transceivers are compliant to the latest releases of the QSFP112 MSA. The firmware supports CMIS 5.0 and newer release. We offer transceivers for DR4, SR4 and FR4 ...
	The LPO design helps lower power consumption and reduce latency, making it more energy-efficient and cost-effective. This hot-pluggable module includes high performance modulators and detectors ...
	As data center bandwidth demands skyrocket, Fibrecross delivers industry-leading 400G optical transceiver modules—engineered for ultra-low latency, minimal power consumption, and rock-solid ...
	It is a high-performance, low-power, low-latency and cost-effective module. The module contains 4 parallel channels on the transmitter and receiver, each operating at 106.25Gbps.
	An LPO module which exceeds the operating range requirement while meeting all other optical specifications is considered compliant (e.g., operating at 600 m meets the operating range ...

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Contact Us

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