

# Swedish QSFP-DD optical module LPO

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## Overview

The STC-40028 from Swedish Telecom Opto's LPO Series is a high-performance 800 Gb/s QSFP-DD SR8 optical transceiver optimized for short-reach, high-bandwidth data-centre and AI workloads. Utilizing Linear Pluggable Optics (LPO) architecture, the module operates without a DSP, leveraging host ASIC. QSFP-DD LPO TRANSCEIVER DESIGNED FOR PCIE® GEN 5. QSFP-DD (Quad Small Form-Factor Pluggable Double Density) transceivers double the number of high-speed electrical interfaces in QSFP to achieve 400G Ethernet speeds – and double them again to reach 800G. As a Quad Small Form-factor Pluggable Double Density (QSFP-DD) solution that fits into high-density switch and router client ports for optical interconnect links Powered by Greylock and Delphi DSP ASICs, and silicon photonic integrated circuits (PICs) for an optimized co-packaged design with 3D. Eoptolink QSFP-DD 800G LPO transceivers are compliant to the latest releases of the QSFP-DD800 MSA. We offer transceivers for VR8, 2xDR4, 2xVR4, 2xFR4 interfaces. Our vertical integration for optical engines enables leading performance and per.

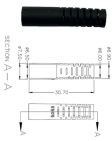
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Amphenol's QSFP-DD Linear Pluggable Optical (LPO) Transceiver delivers low-latency, high-bandwidth PCIe<sup>®</sup> Gen 5.0 over optical link, enabling scalable server disaggregation and ...



Our vertical integration for optical engines enables leading performance and per consumption.



Smartoptics QSFP-DD transceivers provide cost-efficient 400G and 800G optical networking. QSFP-DD (Quad Small Form-Factor Pluggable Double Density) ...



Introducing our 800G LPO QSFP-DD800, a pinnacle in high-speed connectivity. Infused with Linear-Drive Technology, it transforms short-range, high-bandwidth, low-power, and low-latency applications.



Powered by Greylock and Delphi DSP ASICs, and silicon photonic integrated circuits (PICs) for an optimized co-packaged design with 3D Siliconization. Supports an expansive list of interoperability ...



Linktel's LPO portfolio consists of both QSFP-DD and OSFP modules. Linktel Technologies provides high-quality and cutting-edge products and solutions for high speed optical I/O connectivity, including ...



Smartoptics QSFP-DD transceivers provide cost-efficient 400G and 800G optical networking. QSFP-DD (Quad Small Form-Factor Pluggable Double Density) transceivers double the number of high-speed ...



The QSFP-DD (Quad Small Form-Factor Pluggable Double Density) optical transceiver is a revolutionary advancement in high-speed data communication, designed to meet the escalating ...



The STC-40028 from Swedish Telecom Opto's LPO Series is a high-performance 800 Gb/s QSFP-DD SR8 optical transceiver optimized for short-reach, high-bandwidth data-centre and AI workloads.



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.



Cisco QSFP-DD and OSFP 800G coherent optical modules are supported on Cisco switches and routers. For more details, refer to the Cisco Transceiver Modules Compatibility Matrix.

## Contact Us

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

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