

Czech enterprise-grade QSFP-DD optical router for surveillance



Overview

Meet the LINK-PP LQD-CW400-LR4C 400G QSFP-DD LR4 Transceiver — a high-performance optical module designed to meet the bandwidth and reliability demands of modern networking environments. The wide variety of modules gives you flexible and cost-effective options for all types of interfaces. Cisco offers a range of GBIC, SFP, XFP, SFP+, CXP, CFP, Cisco CPAK, and QSFP+ pluggable modules. 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. ZR+, Standard Tx output power (-10dBm), C-band tunable, Pull tab, 0°C to 70°C, LC receptacle The emerging OIF 400ZR and Open ZR+ MSA coherent transceivers in QSFP-DD and OSFP form factors generally have low transmit output power (-10 dBm), making them incompatible with ROADM networks. Consequently, InnoLight 100G OpenZR+ QSFP-DD product family is designed based on dual polarization quadrature phase shift keying (DP-QPSK), supporting extended C-band, polarization diversity coherent detection and advanced electronic link equalization. 400G DP-16QAM modulation format.

With one VOA inside the TX optical path the out output optical power has 4dB attenuation window. In this post, we'll explore its technical specifications, key features, use cases, and why it's an ideal choice.

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The product supports 400Gbps transmission speeds in an industry-standard, pluggable QSFP-DD form factor with 7nm DSP and can be widely used in metro carrier, access and Cloud/DCI applications.



The QSFP-DD modules are our new generation of 400G transceiver modules based on a QSFP-DD form factor. (See Figure 1).



The emerging OIF 400ZR and Open ZR+ MSA coherent transceivers in QSFP-DD ...



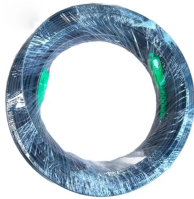
Powered by Greylock and Delphi DSP ASICs, and silicon photonic integrated circuits (PICs) for an optimized co-packaged design with 3D Siliconization. Supports an expansive list of interoperability ...



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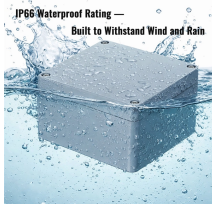
For Routed Optical Networking designs, we aim at shortening the distances between routers and the ~0.5 to 1 dB OSNR difference between transponders and ZR+ DCO pluggables is small enough to ...



QSFP-DD is the most widely adopted form factor for 400G, with great potential for 800G. While QSFP-DD prioritizes backward compatibility, OSFP's larger surface area enables higher thermal efficiency ...



The LQD-CW400-LR4C complies with multiple industry standards including IEEE 802.3bs, CMIS 4.0, and the QSFP-DD MSA, making it compatible with a wide range of switches, ...



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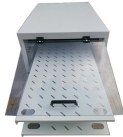
The 400G QSFP-DD ZR+ is a C-Band optical frequency tunable coherent optical module, combines 7nm coherent DSP ASIC functionality with best in class ultra-narrow line-width tunable ...



Discover the standards, technical specifications, deployment tips, and vendor selection for 400G QSFP-DD FR4 modules, enabling high-density, low-power, scalable 400GbE interconnects ...



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Thanks to the miniaturization of the technology with a 7-nm manufacturing procedure and innovation in silicon photonic technology, it is now possible to squeeze a 400G-capable Digital Coherent WDM ...

Contact Us

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