



The QSFP-DD 400G Digital Coherent Optical (DCO) 0dBm Open ZR+ transceiver is a 400 Gbit/s multirate pluggable module for 100/200/300/400GBASE Ethernet optical data communication. The transceiver operates with dual polarization quadrature amplitude modulation (DP-16QAM) and oFEC to achieve up to 120 km reach without the requirement of EDFA (Erbium-Doped Fiber Amplifier) or DCM (Dispersion Compensation Module).

The module is fully compliant with QSFP-DD related MSA standards and CMIS. Digital Diagnostic functions are available through an I2C interface. QDD-400G-DCO-0ZRP complies with OIF OpenZRplus.



APPLICATIONS

- 400GBASE-ZR
- 100GBASE-ZR
- Data Center Interconnection

FEATURES

- Up to 80-120 km transmission on singlemode fiber
- Up to 500km transmission on singlemode fiber with EDFA
- Digital Coherent Optics (DCO)
- Hot-Pluggable QSFP-DD footprint
- Duplex LC UPC interface for fiber pair operation
- QSFP-DD MSA compatible
- CMIS 5.0 compatible
- ITU-T C-band 100 GHz spacing Tunable DWDM (48 channels)
- ITU-T C-band 75 GHz spacing Tunable DWDM (64 channels)
- Digital Diagnostic monitoring interface
- Operating Case Temperature: Standard: 0°C to 70°C
- Power dissipation < 21,5 W