

400G QSFPDD ZR transceiver

O-Net 400G QSFPDD ZR transceiver module is capable of transmitting 400Gbps up to 120km and compliant to the OIF 400G ZR standard, which can provide high bandwidth interconnections. O-Net 400ZR module features superior OSNR and power consumption by utilizing the latest in-house Coherent Optical Subassembly (COSA) and nano-ITLA based on optical engine and the latest DSP generation that enables 400G coherent transmission. This module delivers superior performance for applications ranging from data-center interconnects to router-router connectivity and access network demands.



Key Features

- Adheres to OIF-400ZR specification
- Hot-pluggable QSFPDD MSA compliant
- Operation over full C-band tunable for 75 GHz and 100 GHz grid spacing
- ROHS compliant
- Up to 120km transmission on SMF
- Operating case temperature 0°C~70°C
- Tx output power: >-9dBm
- OSNR: 24dB
- Max power consumption of 18W



25dBm ELSFP

O-Net External Laser Small Form-Factor Pluggable (ELSFP) UHP active module is a small form factor, high optical power, and low power consumption device, targeted for use in systems with optical engines in co-packaging applications. The ELSFP module includes 8 channels of 25dBm Continuous Wave (CW) lasers at 1311nm wavelength. The device has a blind mate optical connector and an electrical connector, conforming to the OIF ELSFP IA CMIS 5.1.



Key Features

- Adheres to OIF ELSFP IA CMIS 5.1 requirements
- Include 8 channels of Continuous Wave (CW) lasers
- 25dBm optical output power per channel
- Low power consumption
- Build in blind mate optical and electrical connectors
- Polarization maintaining optical connector
- System and eye safety support
- Single 3.3V power supply
- RoHS-6 compliant
- Operating case temperature 0°C -60°C