

The Hyper Photonix HSC2-400-MR-DMC6 400G CFP2-DCO coherent optical module uses a 104-pin CFP2-MSA electrical connector for connecting the host card. The optical module consists of three functional parts: TX module, RX module and control module. All the control interface pins are provided by an internal microcontroller. This microcontroller can also be used for modulator control, software management, and alarm / performance event reporting.

Features

- 400G CFP2-DCO coherent optical module operating up to 425 Gbps
- PM-QPSK (200G) and PM-16QAM (400G) modulation formats
- 400GE, 200GE, 100GE, and OTU4/OTUCn services
- Electrical interfaces OTL4.4、FOIC1.4、CAUI-4、FOIC1.2 and CEI-56G-MR
- CFP2 MSA Hardware Specification 1.0 with modifications compliant
- CFP MSA Management Interface Specification 2.2 with modifications compliant
- Near-end / remote-end data loopback
- Hot-pluggable CFP2 form factor
- Maximum power consumption: 29W



Applications

The 400G CFP2-DCO coherent optical module is used on the host system for MAN DWDM applications.

Specifications

Part Number	HSC2-400-MR-DMC6
Data Rate	425Gbps
Supply Voltage	3.3V
Power Consumption	29W
Reach	>80km