

The Hyper Photonix HSD1-400-1-MF5M 400GBASE QSFP-DD AOC is a QSFP-DD-QSFP-DD-Active Optical Cable for short-range datacom and interconnect applications. Each AOC has 8 duplex channels with an aggregated bandwidth of 425Gb/s. Each channel uses the PAM4 modulation scheme with a baud rate of 26.5625G and up to 100m when using OM4 fiber.

Features

- Hot-pluggable QSFP-DD form factor
- Compliant to Electrical interface IEEE 802.3bs
- 8x53.125Gbps PAM4 400GAUI-8
- Up to 50m cable length
- Power consumption $\leq 10W$ each end
- Operating case temperature: 0°C to 70°C
- Built-in digital diagnostic functions
- 3.3V power supply voltage
- RoHS compliant

Applications

- 400GAUI-8
- Data center networks

Specifications

Part Number	HSD1-400-1-MF5M
Data Rate	8x50Gbps
Supply Voltage	3.3V
Power Consumption	$\leq 9.5W$
Optical Connector	VCSEL
Receiver	PIN
Case Temperature	0°C to 70°C
Reach	1-100m