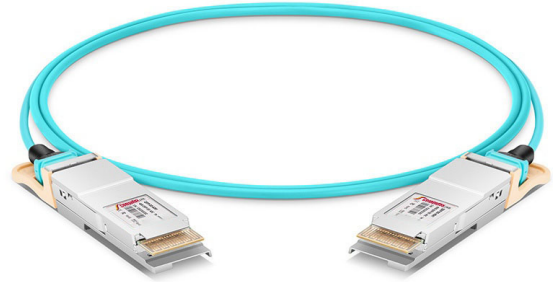


400G QSFP56-DD to QSFP56-DD AOC, 400G QSFP56-DD Active Optical Cable.

The 400G QSFP56-DD AOC is a Eight-Channel, Pluggable, Parallel, Fiber-Optic QSFP Double Density for 2x200 Gigabit Ethernet Applications. This AOC is a high performance module for short-range multi-lane data communication and interconnect applications. It integrates eight data lanes in each direction with 8x 26.5625Gb/s. Each lane can operate at 53.125Gbps up to 70m using OM3 fiber or 100m using OM4 fiber with FEC.



These modules are designed to operate over multimode fiber systems using a nominal wavelength of 850nm. The electrical interface uses a 76 contact edge type connector.



Features

- High-density QSFP-DD MSA-compliant connectors
- 8 channels full-duplex transceiver modules
- Transmission data rate up to 53Gbps per channel
- 8x 53Gbps PAM4 transmitter and PM4 receiver
- 8 channels 850nm VCSEL array
- 8 channels PIN photo detector array
- Internal CDR circuits on both receiver and transmitter channels
- Power consumption <10W per end
- Hot Pluggable QSFP DD form factor and Compliant with CMIS
- Maximum link length of 70m on OM3 Multimode Fiber (MMF) and 100m on OM4 MMF with FEC
- Built-in digital diagnostic functions
- Operating case temperature 0°C to +70°C
- 3.3V power supply voltage
- RoHS compliant (lead free)

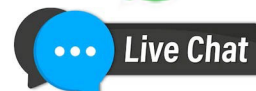
Applications

- 400G (2x 200GBASE-SR4) Ethernet

Contact Us:

Email: sales@compufox.com

 (305) 865-8517  +1 (305) 710-6768



**AOC-400G-QSFP56DD | 400G QSFP56-DD to
QSFP56-DD AOC Datasheet**



SPECIFICATIONS	
Connector A	400G QSFP-DD
Connector B	400G QSFP-DD
Max Data Rate	400Gbps
Max Length	100m (328ft)
Wavelength	850nm
Media	OM4 MMF
Minimum Bend Radius	30mm
Transmitter Type	VSCEL
Receiver Type	850nm PD
Power Consumption	≤11W per end
Jacket Material	LSZH
CDR (Clock and Data Recovery)	TX & RX Built-in CDR
Modulation Format	PAM4
DDM/DOM	Yes
Temperature	0 to 70°C (32 to 158°F)
Protocols	IEEE 802.3cd, OIF-CEI-04.0, QSFP-DD MSA, QSFP-DD-CMIS-rev4p0
Inbuilt FEC	No
Application	8x 50G-PAM4

Contact Us:
Email: sales@compufox.com

 (305) 865-8517  +1 (305) 710-6768

