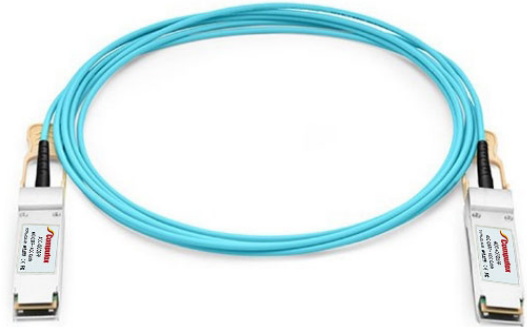

56G QSFP+ to QSFP+ AOC, FDR 56G QSFP+ Active Optical Cable.

The 56G QSFP+ AOC - active optical cables offer a cost-effective, extended reach option for high-speed data center interconnects. Using 850nm VCSEL technology, this QSFP+ cable is an assembly of 4 full-duplex lanes, where each lane is capable of transmitting data at rates up to 14 Gb/s per direction, providing an aggregated rate of 56Gb/s. The cable is available in a number of standard lengths up to 100 meters.



Features

- Hot-pluggable QSFP+ form-factor connectors
- 4 channels full-duplex active optical cables
- 4x 850nm VCSEL array and PIN photo-detector array
- Differential AC-coupled high-speed data interface
- Compliant with QSFP+ MSA and IEEE 802.3ba 40GBASE-SR4
- Compliant with 4x16GFC and InfiniBand FDR/QDR/DDR/SDR
- Data rate up to 56Gbps
- Length up to 100m/150m over OM3/OM4 MMF
- Power consumption < 1.5W per end
- Operating case temperature range from 0°C to 70°C
- 3.3V power supply voltage
- RoHS compliant (lead free)

Applications

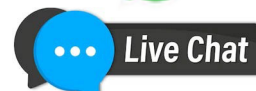
- InfiniBand FDR,QDR,DDR, and SDR
- 40GBASE-SR4 Ethernet links
- 4G/8G/10G Fiber Channel
- SATA/SAS Storage
- HPC Interconnects
- Proprietary Interconnections



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56G Connectivity for Data Center

Featured with 1.5W low-power, high-density and high-speed, the QSFP+ transceiver offers a popular way to help you quickly ramp up to 56G transmission.



SPECIFICATIONS

Connector A	FDR 56G QSFP+
Connector B	FDR 56G QSFP+
Max Data Rate	56Gbps
Max Length	150m (492ft)
Wavelength	850nm
Media	OM4 MMF
Temperature	0 to 70°C (32 to 158°F)
Power Consumption	< 1.5W per end