

High-Speed AOC Solutions

Built for Speed. Designed for AI.

ACON OPTICS offers a full range of high-performance Active Optical Cables (AOCs) including 800G, 400G, 200G, and 100G solutions, purpose-built for AI, cloud, and next-generation data center environments. These hot-pluggable, low-power AOCs deliver reliable, high-speed connectivity over multimode fiber—supporting up to 100 meters reach and optimized for modern networking demands.

800G



▲ 800G OSFP AOC

400G



▲ 400G QSFP-DD AOC



▲ 400G QSFP-DD to 4x100G QSFP56 AOC

Features

- 8-channel active optical cable
- 53.125Gbd PAM4 × 8 channel
- 800G AUI-8 C2M Electrical interface
- Cable length available up to 100m on OM4 MMF 850nm VCSEL and PIN receiver
- OSFP MSA package
- Hot pluggable
- Very low EMI and excellent ESD protection
- +3.3V power supply
- Power consumption less than 15.5W
- Operating case temperature: 0~+70°C
- IIC rate up to 1MHz

200G



▲ 200G QSFP56 AOC

100G



▲ 100G QSFP28 AOC

Applications

- 800G Ethernet
- Data center switch
- InfiniBand NDR

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