

QSFP28 AOC

100G Ethernet Active Optical Cable

DESCRIPTION

The QSFP28 AOC assembly is a cost and energy efficient solution for 100G Ethernet, Infiniband QDR and Fibre Channel applications. The assembly consists of multi-channel optical transceivers on both ends and four pairs of multimode fiber in between. The cable is fixed and sealed to the transceivers eliminating any need for cleaning, and the optical transmission provides much longer range and better BER performance than with conventional copper Direct Attach Cables. QSFP28 AOC is optimized for low power consumption thus reducing heat dissipation in high density settings.

The module is fully compliant with all QSFP28 related MSA's described in SFF-8665 and complies with IEEE 802.3 and 100Gbase-SR4.

APPLICATIONS

- 100GBASE-SR4
- Infiniband QDR
- Fibre Channel

FEATURES

- Lengths of 1-100 meters available
- Hot-Pluggable QSFP footprint
- QSFP28 MSA compatible
- Single 3.3 V power supply
- Power dissipation < 1.5 W (for each end)
- RoHS-6 compliant (lead-free)
- Case operating temperature: 0°C to 70°C



LASER SAFETY

This transceiver is a Class 1 laser product. It complies with IEC-60825 and FDA 21 CFR 1040.10 and 1040.11. The transceiver must be operated within the specified temperature and voltage limits. The modules automatically power down if a broken cable is detected in order to prevent eye damage

ORDERING INFORMATION

Part no.	Description
QSFP28-AOC	QSFP28, 100Gbase-SR4, 4x25.8Gbps, Active Optical Cable