Vi-Link
Fiber Optic Communications

Network Component Series

Features

- *Compatible with IEEE 802.3bj and InfiniBand EDR*
- *Supports aggregate data rates of 100Gbps*
- *Optimized construction to minimize insertion loss and cross talk*
- *Backward compatible with existing QSFP+ connectors and cages*
- *Pull-to-release slide latch design*
- *26AWG through 30AWG cable*
- *Use active IC to make the limit length of the cable 10M*
- *Straight and break out assembly configurations available*
- *Customized cable braid termination limits EMI radiation*
- *Customizable EEPROM mapping for cable signature*
- *RoHS compliant*
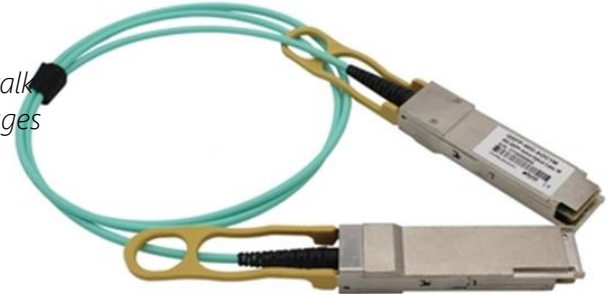
Product Description

QSFP28 passive copper cable assembly feature eight differential copper pairs,providing four data transmission channels at speeds up to 28Gbps per channel,and meets 100G Ethernet,25G Ethernet and InfiniBand Enhanced Data Rate(EDR) requirements.Available in a broad rang of wire gages-from 26AWG through 30AWG-this 100G copper cable assembly features low insertion loss and low cross talk.

Designed for applications in the data center,networking and telecommunications markets that require a high speed,reliable cable assembly,this next generation product shares the same mating interface with QSFP+ form factor ,making it backward compatible with existing QSFP ports.QSFP28 can be used with current 10G and 14G applications with substantial signal integrity margin.

Applications

- Switches,servers and routers
- Data Center networks
- Storage area networks
- High performance computing
- Telecommunication and wireless infrastructure
- Medical diagnostics and networking
- Test and measurement equipment

Standards

- Compliant with IEEE 802.3ba-2010,Annex 86A for 40GBASE-SR4;
- Compliant with InfiniBand EDR,FDR,QDR,DDR,SDR;
- Compliant with QSFP MSA(SFF-8436);
- Compliant with SFP MSA(SFF-8431);

Ordering Information

Model	Descriptions
40G-AOC-QSFP-1M	40G QSFP Active Optical Cable AOC 1 Meter " Replace 1M with 3M, 5M, 7M up to 100M for the length of cable needed"