



Vi-Link

Fiber Optic Communications

Direct Active Cable DAC 100G QSFP28 to 4 x 25 QSFP28+

Network Component Series

Model 100G4-DAC

Features

- Compatible with IEEE 802.3bj, IEEE 802.3by 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
- Straight and break out assembly configurations available
- Customized cable braid termination limits EMI radiation
- Customizable EEPROM mapping for cable signature
- RoHS compliant



Product Description

The Vi-Link 100G4-DAC 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 range of wire gauges—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

Ordering Information

Model	Descriptions
100G4-DAC-1M	100G QSFP28 to 4 x 25G QSFP28 Direct Active Cable 1 Meter * Replace 1M with 3M, 5M, 7M for the length of cable needed