Vi-Link
Fiber Optic Communications

Direct Active Cable DAC
40G QSFP+ to 4x10G QSFP+

Features

- *Connector A: (1) QSFP 40.0 Gbps Rated Connector (SFF-8436 Compliant);*
- *Connector B: (4) SFP+ 10.0 Gbps Rated Connectors (SFF-8431 Compliant);*
- *Economically Links up a QSFP port with an Upstream 10GbE-SFP+ Switch;*
- *Protocol agnostic support of 40GbE, QDR InfiniBand, SAS & Fibre Channel;*
- *Up to 10.3125 Gbps transfer rate per SFP+ channel (40 Gbps aggregate);*
- *Robust Zinc die-cast SFP+ & QSFP connectors with pull-to-release latching;*
- *Bridge the gap between your 10G and 40G capable switches/host adapters;*
- *Low cross-talk and pair-to-pair skew maintains signal integrity;*
- *Fully compliant to the latest SFP+ & QSFP MSA (Multi-Source-Agreement);*
- *Supports all current 10-Gigabit Ethernet and 40-Gigabit Ethernet standards;*
- *Designated form factor and electrical compliance for QDR InfiniBand;*
- *The perfect direct attached storage splitter cable for Fibre Channel & SAS;*
- *Enjoy a reduced power budget and lower port cost compared to optical;*
- *Fully RoHS compliant for environmental protectio*

Product Description

QSFP+ (Quad Small Form-factor Pluggable Plus) copper direct-attach cables are suitable for very short distances and offer a highly cost-effective way to establish a 40-Gigabit link between QSFP+ ports of QSFP+ switches within racks and across adjacent racks. These cables are used for 40GbE and Infiniband standards, to maximize performance. QSFP+ are designed to meet emerging data center and high performance computing application needs for a high density cabling interconnect system capable of delivering an aggregate data bandwidth of 40Gb/s. This interconnect system is fully compliant with existing industry standard specifications such as the QSFP MSA and IBTA (InfiniBand Trade Association). The QSFP+ cables support the bandwidth transmission requirements as defined by IEEE 802.3ba (40 Gb/s) and Infiniband QDR (4x10 Gb/s per channel) specifications

Applications

- *Servers - Networked storage systems*
- *Routers - External storage systems - Data Center networking*
- *Communications – Switches - Routers*
- *Industry Standards*
- *InfiniBand Trade Association (IBTA) - IEEE802.3ba*
- *40Gigabit Ethernet (40G BASE – CR4)*

Ordering Information

Model	Descriptions
40G4-DAC-1M	40G4 QSFP+ to QSFP+ Direct Active Cable 1 Meter " Replace 1M with 3M, 5M, 7M for the length of cable needed"

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