

SSEMBLIES FEATURES & BENEFITS QSFP, QSFP-DD and QSFP-D8 systems utilize Samtec Flyover™ technology to route data above lossy PCB, simplifying board layo.

Simple to deploy, this compact adaptor doubles fiber capacity while avoiding costly new fiber/transceiver deployments and frees up fiber for other services. 50% fiber savings with quick ROI. Any bit rate up: ...

The QSFP-DD-OLS has two bidirectional optical ports: the COM-RX/TX that shall be connected to the Multiplexer / Demultiplexer units, and the LINE-TX/RX that shall be connected to ...

Compare SFP, SFP+, QSFP+, QSFP28, and QSFP-DD optical transceivers. Learn differences, speeds, and best use cases for data center networks.

Custom 100G QSFP28 BiDi Module Alleviate dark fiber exhaustion across your enterprise backbone. Our highly specialized 100G BiDirectional (BiDi) transceivers utilize a Simplex LC interface to ...

7th public release, chapters for QSFP-DD800 and QSFP112 Mechanical and Board Definitions are added. Chapter for QSFP112 Electrical and management timing added. Updated power supply test ...

The QSFP-DD-OLS has two bidirectional optical ports: the COM ...

Each optical port on the QSFP28 BiDi contains both a transmitter and receiver, transmitting and receiving data to/from interconnected network devices (like network switches or routers) at full-duplex ...

Our QSFP-DD cages feature a proprietary heat sink design, making them the only solution to work in 15-18W applications at a low cost - providing superior thermal and signal integrity performance.

QSFP-DD Interconnect System enables faceplate density equal to the current 2x1 QSFP form factor, but with 8-lane ports. In other words, a total of 256 differential pairs with 32 ports delivers double-lane ...

The QSFP-DD (Quad Small Form-factor Pluggable - Double Density) form-factor is used for 200G, 400G and 800G applications and is backward compatible with lower speed QSFP+, QSFP28, ...

QSFP-DD doubles the electrical interface to 8 lanes while maintaining backward compatibility with QSFP28 modules (using 4 of the 8 lanes). This ...

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