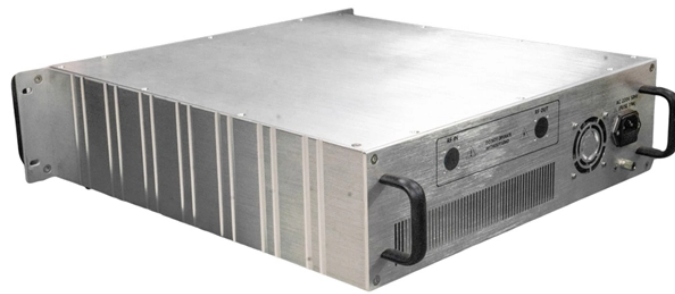


Columbia OEM Industrial Switch QSFP-DD



Columbia OEM Industrial Switch QSFP-DD



Find which switches support QSFP-DD modules. Our 2025 guide covers Cisco, Arista, Juniper and NVIDIA platforms with backward compatibility tips.



The QSFP-DD family supports legacy QSFP channels on the front interface and four additional channels on the rear interface. This interconnect system optimizes density and power ...



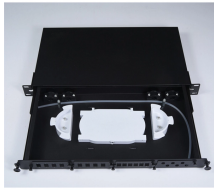
July 11, 2019 - QSFP-DD Hardware Specification for QSFP DOUBLE DENSITY 8X PLUGGABLE TRANSCEIVER - Rev 5.0 May 8, 2019 - Common Management Interface Specification - Rev 4.0



QSFP-DD is a new module and cage/connector system similar to current QSFP, but with an additional row of contacts providing for an eight lane electrical interface. It is being developed by the QSFP-DD ...



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.



Direct OEM/ODM manufacturer of 100G/200G transceivers for AI clusters & hyperscale cloud. 100% tested 100G QSFP28, 200G QSFP56, QSFP-DD & CFP2 solutions.



QSFP-DD ports incorporate a riding heatsink that can be sized independently of the optical module, added on top of the module, or placed between modules. This flexibility enables switch and routing ...



QSFP-DD can enable up to 14.4 Tbps aggregate bandwidth in a single switch slot. QSFP-DD electrical interfaces will employ eight lanes that operate up to 25 Gbps NRZ modulation or 50 Gbps PAM4 ...



QSFP-DD cages are fully backwards compatible, providing an upgrade path from existing QSFP solutions - allowing an economical path to upgrade to 112G operations.



QSFP-DD Interconnect System's 8-lane electrical interface transmits up to 28 Gbps NRZ or 56 Gbps PAM-4, up to 200 or 400 Gbps aggregate, with the same footprint as QSFP Interconnects, making ...

Contact Us

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