

Central Asian Five Countries ODM Optical Transceiver Module QSFP-DD



Overview

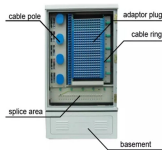
This product is a 400Gb/s QSFP-DD optical module designed for 10km optical communication applications. The module converts 8 channels of 50Gb/s (PAM4) electrical input data to 4 channels of CWDM optical signals and multiplexes them into a single channel for 400Gb/s optical. The Cisco ® family of QSFP-DD modules provide the industry's highest bandwidth density while leveraging the backward compatibility to lower-speed QSFP pluggable modules and cables. The Cisco 400GBASE Quad Small Form-Factor Pluggable Double Density (QSFP-DD) portfolio offers customers a wide variety. A Comprehensive Technical Guide to 400G/800G High-Speed Optical Networking Technology QSFP-DD (Quad Small Form-Factor Pluggable Double Density) represents a transformative advancement in optical transceiver technology, addressing the exponential growth in data center bandwidth requirements and the. With the explosive growth of communication traffic in recent years, increasing the capacity of backbone networks has become more critical than ever. At the same time, the demand for "openness"—the ability to flexibly build networks and for "greenness", which addresses the need to reduce. 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 provides increased port density and total system cost savings. 125Gb/s operation with an MTP/MPO-16 connector.

Central Asian Five Countries ODM Optical Transceiver Module QSFP



NEC has been developing and manufacturing optical transceivers for more than 30 years since the dawn of the optical communications era. Based on this extensive experience, we provide high-reliability ...



The module converts 8 channels of 50Gb/s (PAM4) electrical input data to 4 channels of CWDM optical signals and multiplexes them into a single channel for 400Gb/s optical transmission.



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 ...



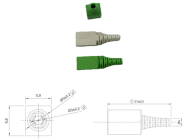
on the receiver side, the module optically de-multiplexes a 400Gb/s optical input into 4 channels of CWDM optical signals and converts them to 8 channels of 50Gb/s (PAM4) electrical output data. The ...



The electrical interfaces, including pad assignments for data, control, status and power supplies and host PCB layout requirements, of the module is fully compliant with the QSFP-DD MSA QSFP-DD ...



QSFP-DD is an advanced hot-pluggable optical transceiver form factor that doubles the bandwidth density of traditional QSFP28 modules by implementing a double-density design with ...



The Cisco® family of QSFP-DD modules provide the industry's highest bandwidth density while leveraging the backward compatibility to lower-speed QSFP pluggable modules and cables.

DATA ADJUSTABLE, EASY TO USE



The QSFP-DD form factor device is hot pluggable and includes digital diagnostics monitoring (DDM) and control functions. This module enables interoperable and cost-effective ...



400Gb/s Quad Small Form Factor Pluggable--double density (QSFP-DD. optical module. It provides increased port density and total system cost savings. The QSFP-DD full-duplex optical module offers ...



High-density 800G OSFP and QSFP-DD transceivers support InfiniBand and RoCE, enabling 100m to 2km transmission via MMF and SMF.

Contact Us

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