

Compatible QSFP-DD hybrid optical electrical cable supplier in Saudi Arabia



Overview

We can customize the cable compatibility for major brands like Cisco, Juniper, Arista, Dell, HPE, Extreme, Brocade, Mellanox, H3C, Intel, IBM, Nokia, Zte, Ciena, Huawei, Ixia etc. Amphenol's QSFP DD (Quad Small Form Factor Pluggable Double Density) copper cable assemblies double the number of channels from 4 to 8 lanes when compared to the existing QSFP cabling systems, enabling more bandwidth within the same mechanical envelope. The data rate of each channel can reach 25Gb/s through NRZ. JTOPTICS® Active Optical Cable (AOC) cable assemblies are designed to meet data center, networking and high-performance computing application needs for a high-density cabling interconnect system. This active optical cable is compliant with IEEE 802. 3cd. Network operators are looking for cost-optimized optical solutions that provide increased density and reduced power consumption—across high-speed as well as legacy ports—without sacrificing network performance or reliability.

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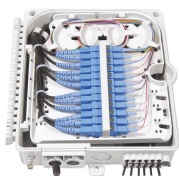
The Arista AOC-D-D-400G is a 400G Active Optical Cable (AOC) designed for high-speed data transfer between QSFP-DD (Quad Small Form-Factor Pluggable Double Density) ports.



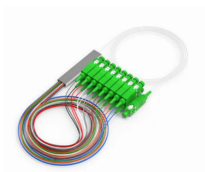
Amphenol QSFP DD (Double Density) passive copper cable assemblies double the number of channels from 4 to 8 lanes when compared to the existing 100G QSFP cabling systems, ...



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.



This article explores how to interconnect OSFP and QSFP-DD ports in 400G/800G networks, covering key principles, form factor differences, and practical solutions for stable, high-speed data center ...



Below are the available bulk discount rates for each individual item when you purchase a certain amount. Cisco QDD-400-AOC1M (100% Compatible) 425Gb/s 400GBASE-AOC QSFP-DD to QSFP ...



Multichannel AOCs combining our vertically integrated VCSEL array technology with standard QSFP and SFP+ connectors. They feature low power consumption, low weight, and a small bend radius for ...



This active optical cable is compliant with IEEE 802.3cd, OIF-CEI-04.0, QSFP-DD MSA, and QSFP-DD-CMIS-rev4p0. Thin and lightweight AOC cables simplify cable management, enabling an efficient ...



These AOC assemblies are QSFP DD MSA compliant, also backwards port compatible with existing QSFP modules and provide flexibility for end users and system designers.



These cables utilize fiber wiring and are an ideal low-cost option for short reach applications. We also offer these cables in QSFP, QSFP56, QSFP+ and SFP+ formats.



This active optical cable is compliant with IEEE 802.3cd, OIF-CEI-04.0, QSFP-DD ...



Cisco offers a comprehensive portfolio of QSFP-DD modules across copper, multimode fiber, and single-mode fiber, optimized for a broad range of applications and distances, leveraging ...

Contact Us

For more information, pricing, or custom network solutions, please contact us:

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