Nordic RoHS compliant Active Optical Module OSFP

OSFP-QDD-AOC is a high data rate parallel active optical cable (AOC), to overcome the bandwidth limitation of traditional copper cable. The AOC is terminated with a QSFP-DD module at ...

November 23, 2025 Rev 1.11 :: Specification for OSFP-XD Octal Small Form Factor eXtra Dense Pluggable Module September 12, 2024 Rev. 1.1 :: Specification for OSFP-XD, Octal Small Form ...

SFP, QSFP, QSFP-DD, OSFP ACTIVE OPTICAL CABLE ASSEMBLIES Our active optical cable assembly portfolio provides improved cable flexibility and longer reach as compared to both ...

The OSFP standard marks a pivotal step toward scalable 400G and 800G optical networking, designed from the ground up for AI, cloud, and HPC infrastructures. With open MSA ...

FS provides an expanding portfolio of 400G OSFP/QSFP112/QSFP-DD solutions featuring high-performance, high-bandwidth, and backward compatibility. The 400G transceiver modules are ideal ...

The 1600G OSFP1600 2xDR4 Transceiver is designed to transmit and receive serial optical data links up to 212.5 Gbps data rate (per channel) by PAM4 modulation format over single-mode fiber. It is a ...

All Nordic Semiconductor Products are EU RoHS 2 compliant. The mentioned substances may in certain applications be employed in ratios above the threshold limits. Applicable exemptions are listed in ...

It is compliant with IEEE 802.3 800GBASE-VR8 and OSFP MSA module requirements with integrated heat sink. Optical signals are carried over eight pairs of parallel lanes, with one ...

In a relentless pursuit of higher data rates, Wilder Technologies proudly introduces our OSFP 1.6T test fixtures. Advancements in optical and electrical interconnects demand cutting-edge test platforms.

This specification defines the electrical connectors, electrical signals and power supplies, mechanical and thermal requirements of the OSFP Module, connector and cage systems.

Our advanced OSFP-XD cable assemblies are designed to meet the rigorous demands of both PCIe ® Gen 5 and Ethernet protocols, providing a ...

Our industry breakthrough OSFP (Hexadecimal Small Form Factor Pluggable) cable assemblies are compatible with PCIe® Gen 5 and in the future 112G/lane and 224G/lane channel signaling protocols ...

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OSFP1600 modules can be plugged into and recognized by the OSFP/OSFP800 port. However, such a use case is not advisable as the module cannot operate at its originally designed maximum speed, ...

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