

South African LPO optical module QSFP-DD



Overview

Amphenol's QSFP-DD Linear Pluggable Optical (LPO) Transceiver delivers low-latency, high-bandwidth PCIe[®] Gen 5.0 over optical link, enabling scalable server disaggregation and efficient rack-to-rack interconnects ideal for AI/ML and rack-scale data center expansion. When combined with higher transmission rates per electrical interface (28 Gbps to 56 Gbps to 112 Gbps), QSFP-DD optical transceivers can. QSFP-DD Packaged Optical Module by Application (Data Center, Cloud Computing, Large Scale Network, Others), by Types (200G, 400G, 800G, Others), by North America (United States, Canada, Mexico), by South America (Brazil, Argentina, Rest of South America), by Europe (United Kingdom, Germany, France. The 400G QSFP DD DR4 Optical Transceiver Module is a cutting-edge solution designed to meet the growing demand for high-speed, high-density optical connectivity in modern data centers and high-performance computing (HPC) environments. Operating at a wavelength of 1310nm and utilizing PAM4. FS provides an expanding portfolio of 400G OSFP/QSFP112/QSFP-DD solutions featuring high-performance, high-bandwidth, and backward compatibility. Each channel can achieve a data rate of up to 25Gb/s using NRZ modulation technology, enabling 200G

transmission.

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The 400G QSFP-DD 4xLR1 optical transceiver transmits data over single mode fibre at a distance of up to 10Km. The transceiver operates on 4 wavelengths and ...



Shop 400G QSFP-DD DR4, FR4 and SR8 optical module, offering single mode and multimode for Ethernet networking.



The 400G QSFP-DD 4xLR1 optical transceiver transmits data over single mode fibre at a distance of up to 10Km. The transceiver operates on 4 wavelengths and works in point-to-point scenario.



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Generic Compatible 40GBASE-DR4 SiPh QSFP-DD PAM4 1310nm 500m DDM MPO-12/APC SMF Silicon Photonics Baed Optical Transceiver Module
Generic 400G / Generic / 500m / MPO-12/APC / ...



Designed for hyperscale data centers, artificial intelligence (AI) clusters, machine learning (ML) applications, this 40GBASE-DR4 QSFP-DD transceiver is engineered to deliver exceptional speed, ...



Explore the dynamic QSFP-DD Packaged Optical Module market, projected to hit \$15.44 billion by 2025 with an 11.1% CAGR. Discover key drivers, trends in data centers, cloud computing, and the rise of ...



The QSFP-DD transceiver serves as an optical module which provides 400G and 800G connectivity through its 8 electrical lanes that enable double the transmission capacity of QSFP28.



Connect with existing, lower speed QSFP modules with QSFP-DD backwards compatibility. Optimize thermal management with flexible heatsink designs on host platforms. ...



The 40G QSFP's also boast active optical cables for short haul in data centre connectivity between two core switches. As a result of added features, you can ...

Contact Us

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