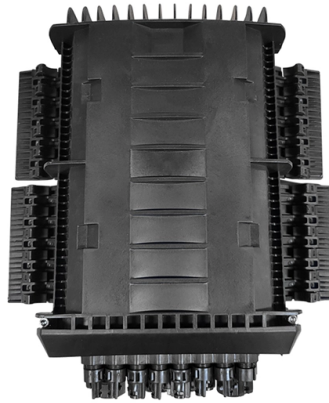


FC Dual Interface Optical Module



Article Overview

An FC Dual Interface Optical Module is a high-speed Fibre Channel transceiver that supports multiple FC services on a single module, enabling efficient, low-latency connectivity in storage area networks and data centers.

Overview

Fibre Channel (FC) is a high-speed network protocol primarily used to connect storage devices to servers in Storage Area Networks (SANs), providing in-order, lossless delivery of block data over optical fiber or copper cabling at speeds ranging from 1 Gbps to 128 Gbps . FC modules, including dual-interface variants, are designed to handle these high-speed connections while maintaining signal integrity and reliability . A Dual Interface Optical Module integrates two FC ports into a single module, allowing multiple FC services to operate simultaneously. This design reduces the physical footprint in network switches or storage devices, lowers operational costs, and simplifies cabling management . These modules are commonly used in high-density server environments, SAN backbones, and high-performance computing clusters.

Technical Features

- **High-Speed Connectivity:** Supports multiple FC standards such as 8G, 16G, and 32G, with backward compatibility to lower speeds like 2G and 4G .
- **Form Factor:** Typically available in SFP+ or SFP28 form factors for compact deployment .
- **Transmission Distance:** Can support short-range (100m) to long-range (up to 40k...

Article Content

Fibre Channel

The Fibre Channel physical layer is based on serial connections that use fiber optics to copper between corresponding pluggable

Dual-FC8 Module product data sheet

The Dual-FC8 provides a dense solution that reduces footprint and lowers operational cost by carrying multiple FC services on a

Optical Module | FS

FS CFP2 module is designed for applications over single mode fiber with transmission distances of up to 10km. It uses 4 WDM

Fiber Optic Couplers & Adapters

Fiber Optic Adapters We offer many types of fiber adapters – for simplex or duplex cable; made of plastic or metal; single mode or

FPV Optical fiber image transmission module for Drone, FC/UPC

OverviewThis FPV Optical fiber image transmission module is designed for Fiber Optic Drone applications, providing wired video and

Marvell QLogic 2870 Series Fibre Channel Adapters

64GFC (Fibre Channel) adapters with single, dual and quad port configurations that Future Proof Storage Area Networks (SANs)

FC Optical Modules

FC Optical Transceivers Advanced optical modules from FC10G to FC400G engineered for high-speed fiber connectivity in data

8G/16G/32G FC SFP+/SFP28 Transceiver Modules | FiberMall

The 8G FC SFP+ optical module is mainly used in FC (Fibre Channel) network. Fibre channel technology is a network storage

Cisco Transceiver Modules

Cisco Transceiver Modules - Learn product details such as features and benefits, as well as hardware and software specifications.

Fibre Channel

FC-0 – physical layer, defined by Fibre Channel Physical Interfaces standard, includes cabling, connectors etc.; Fibre Channel

Contact Us

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