Indzawo Optic Connect

Dual-core dual-band optical module

Overview

Module for operation over two optical fibers in SFP format for Gigabit Ethernet (1000Base-SX). Designed to work on multimode optical fiber (MMF), maximum range is 550 m (fiber 50/125 µm), optical budget is 8dBm, LC connectors, working wavelength is 850 nm. One is transmitting port, and the other one is receiving port. BIDI module only has 1 port, wave filtering through the filter of module, and finished the transmitting of 1310nm optical signal. Fiber Optic Transceivers are compact devices designed to transmit and receive data over a fiber optic cable. Dual fiber modules use two fibers. They are easier to set up and give steady communication. Cisco offers a range of GBIC, SFP, XFP, SFP+, CXP, CFP, Cisco CPAK, and QSFP+ pluggable modules.

Dual-core dual-band optical module

Dual fiber modules use two separate fibers: one for transmitting (TX) and one for receiving (RX). This is the most common setup and is widely supported in standard optical networking.

These small, modular optical interface transceivers offer a convenient and cost-effective solution for an array of applications in the data center, campus, metropolitan-area access and ring network, storage ...

Core2021 LF/HF Dual-Band LoRa Module, Based on LR2021 Transceiver, Supports Sub-GHz, 2.4GHz And 1.5~2.5GHz Frequency Bands, Low-power And Multi-protocol IoT LoRaWAN Module

Know the key differences between Single and dual-fiber optical transceivers for efficient network deployment and optimization.

The GEZHI Photonics 10GBASE DWDM SFP+ Modules are fiber transceivers for a wide variety of any brand switches, routers, and other equipment. They allow enterprises and service providers to ...

A 1-core fiber is like a single-lane road—only one car (or data signal) can travel at a time. A 2-core fiber is like a two-lane highway, allowing twice the traffic, meaning more data can be...

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Dual fiber SFP and simplex SFP modules are two different SFP types, and understanding their differences is crucial for making informed decisions in network deployments.

Everything you need to build an optical network from end-to-end. Thin-film filter and PLC based AWG for multiplexing, a full suite of components for optical amplification use, optomechanical or MEMS-based ...

Data Sheet datasheet is intended to guide the user through the various options available when choosing an optic module for a given platform depending on the architecture.

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	Supporting both multimode and single-mode fiber, these modules enable flexible deployment across various network environments. With stable performance and efficient power usage, they are ideal for ...
	The Coherent 100G ZR QSFP-DCO is the industry''s first dual laser QSFP28 digital coherent optics (DCO) module for single fiber, bi-directional applications – a ...
	Single fiber module also called BiDi transceiver or WDM module. It uses WDM technology to realize the bidirectional transmission of optical signals on one optical fiber.

Contact Us

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