

LC Interface Dual-Core Fiber Optic Transceiver



Overview

The 10GBASE compatible SFP+ transceiver is designed to support link lengths of up to 80km over single-mode fiber using an LC duplex connector. It offers digital diagnostics monitoring through a 2-wire serial interface. Upgrade networks with our 10G SFP+ 80km Module. CONQUER DISTANCE: 80km Long-Range Transmission Power Subheading Focus: Transmission Distance & Wavelength Distance limits many. Moog Protokraft Razor series fiber optic transceivers with duplex LC interface consist of optoelectronic transmitter and receiver functions integrated into a surface mounted PCB assembly. ● Hot-swappable input/output device that plugs into a 100G Gigabit Ethernet Cisco QSFP port. ● Interoperable with other IEEE-compliant 100GBASE interfaces where. LC fiber connectors, as the most well-known representative of SFF (Small Form Factor) connector, are widely adopted in today's LAN and data center cabling. For example, one wavelength might handle transmission while another manages reception.

Article Content

mpo 16: 2026 Procurement Guide

Deep Dive into mpo 16: Architecture and Core Functionalities The mpo 16 connector is a high-density optical interface engineered to house 16 individual glass fibers within a single

2Pack BiDi Gigabit Multi-Mode Fiber Ethernet Media

Fiber Optical Port: Features a 1.25Gbps SFP port supporting BiDi LC Dual Multi-Mode transceivers, extending connectivity up to 550 meters (includes 2 SFP SX

Optical Transceiver vs. Fiber Optic Module: What's the Difference ...

Fiber optic / optical module — a broader term. In many vendors' usage an “optical module” is an optical transceiver used in a pluggable format (a “module”), but in other contexts a module can be a larger,

Next-Generation Connectivity: The Rise of 800G OSFP 2*FR4 Optical ...

This is critical for 800G modules, which often operate at power levels between 14W and 16W. The optical interface utilizes a Dual LC port, allowing for a duplex single-mode fiber (SMF)

Small Form-factor Pluggable

Small Form-factor Pluggable Small Form-factor Pluggable connected to a pair of fiber-optic cables Small Form-factor Pluggable (SFP) is a compact, hot

Arista Optics Modules and Cables

All interface speeds, from 1G to 400GE have connectivity options that include Direct Attach copper Cables (DACs), Active Optical Cables (AOCs), multi-mode fiber and single-mode fiber transceivers.

Network Transceivers

Buy Network Transceivers at Staples and get Free next-day delivery when you spend \$35+.

Industrial Grade 2.5G SFP Transceiver 40KM, 1310nm DFB Dual Fiber LC ...

About BTON BTON Communication is a worldwide supplier and manufacturer of fiber optic connectivity products since 2009, special for sfp transceiver, media converter, video optical converter and poe

Presyo ng Diskwento 40km Sc SFP Optical Transceiver

Ang JHA3903D ay isang napaka-compact na 10Gb/s optical transceiver module para sa serial optical communication applications sa 10Gb/s. Kina-convert ng JHA3903D ang isang 10Gb/s serial electrical

10G 1550nm LC Interface Singlemode Dual-fiber SFP+ Optical Module

Upgrade networks with our 10G SFP+ 80km Module. This 1550nm optical transceiver offers effortless, stable long-range connectivity for data centers and switches.

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Fiber Optic Cables, Adapters, Couplers, Connectors & Other Components At L-com, we are a global leader of wired and wireless connectivity products, offering a wide range of solutions across many

The Difference Between Single/Dual Fiber and

As fiber optic networks continue to evolve, selecting the right optical transceiver becomes increasingly important. Whether you're designing a short

LC Fiber Optics: A Comprehensive Guide

LC fiber optic solutions encompass a wide range of types and applications, including LC connectors, fiber patch cables, adapters and patch

100GBASE QSFP-100G Modules Data Sheet

The Cisco QSFP 100-Gb SR1.2 Bi-Directional (BiDi) transceiver is a pluggable optical transceiver with a duplex LC connector interface for short

SFP LC Connector: Everything You Need to Know

What is an SFP LC Connector? Understanding the SFP Fiber Transceiver The SFP (small form-factor pluggable) fiber transceiver is a small,

Fiber Optic Transceiver: The Simple Guide to What It Is

A fiber optic transceiver (also called an optical transceiver) is a compact module that both transmits and receives data signals through optical

Difference Between Single and Dual Fiber Optical

Fiber optic technology has seen incredible growth over the past several years and will likely experience even more expansion over time. There

10G SFP+ LC Dual Fiber Transceiver

The 10GBASE compatible SFP+ transceiver is designed to support link lengths of up to 80km over single-mode fiber using an LC duplex connector. It offers digital

Razor Optical Transceiver

The Razor series of fiber optic transceivers with duplex LC connector interfaces support Fast or Gigabit Ethernet, fiber channel, sFPDP, ARINC 818, ARINC 664

Single Fiber vs Dual Fiber Transceivers Understanding

Dual fiber transceivers typically feature a duplex LC interface, making them compatible with standard network designs. These transceivers are

LC Fiber Optics: A Comprehensive Guide

LC-interfaced transceiver modules are the modules that use LC interface type so that they can be linked with LC fiber patch cables. These LC

Optical module - A comprehensive exploration

Optical module is composed of optoelectronic devices, functional circuits and optical interfaces. It undertakes the task of photoelectric signal

The FOA Reference For Fiber Optics

Most systems use a "transceiver" which includes both transmission and receiver in a single module. The transmitter takes an electrical input and converts it to an

LC Fiber Optics: A Comprehensive Guide

LC fiber connector products are robust optical solutions designed for telecom applications, encompassing LC fiber connectors, patch cords, adapters,

Optic Modules Datasheet

These platforms support multiple interface types and technologies such as Ethernet, ATM, and SONET. Depending on the deployment scenario, they support different pluggable optic modules that can be

LC Fibre Optic Transmitters, Receivers, Transceivers

LC Fibre Optic Transmitters, Receivers, Transceivers are available at Mouser Electronics. Mouser offers inventory, pricing, & datasheets for LC Fibre Optic Transmitters, Receivers, Transceivers.

Optical Transceiver vs. Fiber Optic Module: What's the Difference ...

IntroductionEngineers, purchasing managers and installers often see the terms I-Transceiver, optical module and fiber optic module used interchangeably — and that causes confusion. This article

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