Lc Single-mode Dual-core Fiber Optic Module



Overview

25Gb/s Wavelength: 1310-nm; 1PCS Dual LC Single-Mode Fiber Module; Reach: up to 20KM Meters; with Advanced DDM Function to monitor real-time parameter and state on fiber links. SFP MSA Compliant, IEEE 802. This 1550nm optical transceiver offers effortless, stable long-range connectivity for data centers and switches. CONQUER DISTANCE: 80km Long-Range Transmission Power Subheading Focus: Transmission Distance & Wavelength Distance limits many networks. Standard modules fail over long runs. Plug and Play & Durable: Hot-swappable, Rotate the ring latch down. Ever wonder how data zooms across cities and continents at lightning speed?

The secret lies in fiber optic technology, and understanding the basics—1-core, 2-core, Single Mode (SM), and Multi-mode (MM)—is key to mastering this field. Let's break down these terms in simple, clear language with. This is a industrial SFP optical module. It uses duplex single mode optical fiber and the speed rate can up to 1. Think about distance, speed, fiber you have. The CERIO 1.



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Article Content

Nov 18, 2025

The Key Differences Between 1-core, 2-core, Single

Single Mode fibers have a smaller core, allowing light to travel in a single, straight path, ideal for long distances with less signal loss. Multi-mode

Jun 09, 2026

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

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

Mar 12, 2026

Multimode vs Single Mode Fiber Patch Cords: Which

Find out how to choose between single mode patch cord, lc lc single mode, sc lc single mode, and duplex OM3 multimode fiber for reliable network

Dec 25, 2025

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.

Mar 04, 2026

SFP-10G-LR-1310nm 20km LC DDM Optical Transceiver

What Is SFP-10G-LR-1310nm 20km LC DDM Optical Transceiver Module? SFP-10G-LR-1310nm 20km LC DDM Optical Transceiver Module CISCO, HUAWEI,

Oct 18, 2025

SFP Optical Module 1.25G 20km single-mode duplex-LC

This is a industrial SFP optical module. It uses duplex single mode optical fiber and the speed rate can up to 1.25Gbps, transmission distance up to 20km.

Apr 11, 2026

Sc To Lc Single Mode FCD

Each fiber optic cable assembly is individually tested and carefully packaged with quality packiing materials to ensure safe delivery. 2 Meter OS2 LC LC Fiber Patch Cable | Simplex 9/125 LC to LC

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Jul 29, 2025

1.25G SFP 1310nm Single-Mode Module SMF

About this item Fiber Type:1.25Gb/s Wavelength: 1310-nm; 1PCS Dual LC Single

Mar 10, 2026

SC LC FC FBT Fiber Coupler Splitters ABS Module

What Is FBT Fiber Coupler Splitters ABS Module Multimode 1×2 ? SC LC FC FBT Fiber Coupler Splitters ABS Module Multimode 1×2 Fused Biconic

Oct 16, 2025

SFP Module Introduction: SFP meaning, Fiber SFP and

SFP module is the core part of the optical fiber communication networks. This post will introduce everything you should know about SFP transceivers, including what

Apr 19, 2026

LC-LC OS2 Single Mode Fiber Optic Cables, SMF

This construction provides an additional layer of protection to the fiber, shielding it

Jan 01, 2026

LC Fiber Optics: The Ultimate Guide to High-Density, High

Explore high-performance LC fiber optic solutions including connectors, patch cables, adapters, patch panels, and attenuators. Optimize your data center and enterprise networks with

Jan 03, 2026

10G SFP+ LR, 1310nm, 10km, DDM, LC/UPC Duplex, Single Mode,

With this Mini-Gbic you can carry out installations up to 10km away using Single Mode optical fiber (SMF) using two fibers through fused cables or optical cords.

Aug 20, 2025

The Difference Between Single/Dual Fiber and

Whether you''re designing a short-range data center network or a long-distance metro backbone, understanding the distinctions between single vs. dual

Sep 16, 2025

LC Fiber Optics: Complete Guide 2026 to Patch Cables,

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Explore LC fiber optics in depth: LC connectors, LC patch cables, uniboot designs, attenuators, breakout cables, LC adapters, patch panels, MPO

Sep 08, 2025

SFP Dual Wavelength Single Mode LC Module (20km)

TRENDnet''s SFP Dual Wavelength Single Mode LC Modules are compatible with standard SFP slots found on network switches and fiber converters. Each single mode SFP transceiver is equipped with

Jan 20, 2026

IP-COM Single-Mode Optical Fiber Module | bobshop

IP-COM G511SM 10G Single-Mode Dual-Fiber SFP+ Optical Module The IP-COM G511SM is a high-performance 10G single-mode dual-fiber SFP+ optical transceiver designed for enterprise

May 15, 2026

1.25G SFP Module Transceiver, 1000Base-LX,1310nm

1.25G SFP MODULE- 1.25Gbps SFP Optical Transceiver, Dual LC single-mode fiber, 1310nm, up to 20km super long distance transmission for POE switch with

Mar 20, 2026

SLC-GLXS10 – 1.25Gbps SFP LX 1310nm LC Single

This dual-core small form-factor pluggable (SFP) module supports hot-swappable design and can be applied to long-distance fiber optic networks or fiber

Dec 23, 2025

Custom 40G QSFP+ and 50G SFP56/QSFP28 Modules

This module leverages high-stability CWDM DFB lasers to deliver cost-effective 40Gbps transmission over single-mode (SM) fiber up to 2km. Utilizing a standard LC interface, it dramatically reduces core

May 14, 2026

Fiber Optic Cables Adapters Couplers Connectors Bulk Cable

Available in several options, including single-mode fiber, multimode fiber, duplex fiber, simplex or duplex single-mode fiber cables, our fiber optic cable assemblies utilize the most widely used connectors

Oct 19, 2025

Arista OSFP-200G-2LR4-Arista | 200G OSFP Transceiver, Dual LC,

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It features 2x 100GBASE-LR4 interfaces with dual duplex LC connectors, supporting up to 10km transmission over single-mode fiber. This module interoperates with 100G-LR4 optics and is ideal for

Jan 08, 2026

Amazon : Fiber To Ethernet Converter

2 Pack 1.25G/s Bidi Gigabit Single-Mode Fiber to Ethernet Media Converter with 2PCS Bidi SFP LC Dual Transceiver Module Included, 10/100/1000Base-Tx to 1000Base-LX SMF RJ45 to SFP Slot up

May 04, 2026

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21 Companies and suppliers for huawei+optical+module+supplier+list Find wholesalers and contact them directly Leading B2B martketplace Find companies now!

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Fiber Optic Cables

AMPCOM fiber optic cable pre terminated enable high-bandwidth data transmission for telecom, data centers, FTTH, and industrial networks. Featuring OM3/OM4 multimode, single-mode, armored, and

Oct 12, 2025

DH-24 LC Single-Mode Dual-Core Fiber Optic Connector

About this item [ADVANCED FIBER OPTIC CONNECTOR] The DH-24 Fiber Optic Connector incorporates a dual core LC single mode design for superior data transmission performance and

Aug 09, 2025

Good Quality SFP Module – 155M Single Mode 20Km DDM | Dual Fiber

Ang JHA3220D Transceiver ay isang high performance, cost effective na module na mayroong duplex LC optics interface. Standard AC coupled CML para sa high speed signal at LVTTL control at

Jan 17, 2026

Sfp Module Single Mode Multimode Fiber Optic Transceiver Lc

Warranty Time 3 Years Product name SFP Module Type Fiber Optic Transceivers Connector Type LC / SC / MPO Max Data Rate 155M 1.25G 10G 25G 40G 100G 400G Single package size 10X5X2 cm

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