

Single-mode fiber optic transceiver 1310



Overview

The XG-SFP-LR-SM1310 is aligned to IEEE 10GBASE-LR optical specifications and supports a link length of up to 10 kilometers over a single-mode fiber (SMF) with an LC connector. Pricing (USD) Filter the results in the table by unit price based on your quantity. A tariff of 10% may be applied if shipping to the United States. A. A 1310nm single mode fiber optical transceiver is one of the most widely used optical transceivers in modern fiber-optic networks, especially for short-to-medium distance transmission over single-mode fiber. SPEED REDEFINED: 10 Gigabit Performance for Modern Networks Subheading Focus: Bandwidth & Low Latency Speed defines. The Optical Transceiver SFP+ 10G Single-Mode Module 1310nm 10km LC is a high-performance, compact networking component designed to deliver 10 Gigabit Ethernet connectivity over single-mode fiber (SMF). These modules are widely used in data centers, enterprise networks, and telecom environments to. Applicable to data center and campus networks, enabling cost-effective, efficient, and high-speed interconnection As an industry-leading ICT infrastructure and industry solution provider, Ruijie offers customers a wide variety of high-density and low-power 10G optical modules.



Article Content

Network Transceiver Modules

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Single Mode Fiber

Thorlabs offers these single mode fibers for operating wavelengths from 320 nm to 2200 nm. Details on the physical and optical properties of these fibers are

Accessories MINI-GBIC-LX-SM1310 1000BASE-SX SFP 1310-nm 10

The MINI-GBIC-LX-SM1310 is aligned to IEEE 1000BASE-LX optical specifications and supports a link length of up to 10 kilometers over a single-mode fiber (SMF) with an LC connector. It adopts the SFP

Ubiquiti Network Transceiver Module Fiber Optic 1250 Mbit/s SFP

This Gigabit SFP Transceiver Module kit is compatible with all Ubiquiti products that support the UF-SM-1G-S SFP Transceiver. Key features include TX/RX wavelengths of 1310/1550 nm, data rate of 1.25

CBO S-31DLC20D Fiber Optic Transceiver 1.25 Gbps | AiO.lv

Short description CBO S-31DLC20D is a fiber optic SFP transceiver compatible with MikroTik systems, providing 1.25 Gbps data rate over singlemode fiber for distances up to 20 km. It operates at 1310

1.6T OSFP 2xDR4/DR8, 1310nm, 500m, DDM, CDR,

The MJ-OSFP1.6TB-DR8 is a cost-effective, high-performance OSFP module tailored for AI datacenter applications, delivering an aggregate throughput of 1.6

Startech Cisco SFP-10G-LR-40 Compatible SFP+ Module, 10GBASE

10 Gbps Single Mode Fiber LC 40 km (24.8 mi) Lifetime Warranty. The SFP-10G-LR-40-ST is a Cisco SFP-10G-LR-40 compatible fiber transceiver module that has been designed, programmed and

BiDi SFP: The Complete Guide to Bidirectional SFP Transceivers and ...

BiDi SFP (Bidirectional Small Form-Factor Pluggable) transceivers have emerged as a powerful solution, enabling full-duplex communication over a single optical fiber. By using

OSP-SM10 Optical SM 1310nm 10G SFP+ Transceiver

OSP-SM10 is a fiber optic transceiver for 1310nm single-mode signals. This standard pluggable SFP+ module has two LC connectors for reception and

What is Optical Transceiver: A Beginner Guide (2024)

What is an Optical Transceiver? An optical transceiver, also known as a fiber optic transceiver or optical module, is a small packaged device that

StarTech Cisco GLC-LH-SMD Compatible SFP Module

StarTech Cisco GLC-LH-SMD Compatible SFP Module - 1000BASE-LX/LH - 1GbE Single Mode Fiber Optic Transceiver - 1GbE SFP - LC 10km - 1310nm - DDM Cisco Firepower, ASR920, IE2000

10G SFP+ ER SMF 1310nm 40km Transceiver Module

Featuring a built-in Semtec/Macom chip and reliable DFB laser from global leaders, the 10G SFP+ ER1310 module delivers low power consumption and stable optical links for high-speed single mode

StarTech MSA Uncoded SFP Module

StarTech MSA Uncoded Compatible SFP Module - 1000BASE-LX - 1GbE Single Mode Fiber (SMF) Optic Transceiver - 1GE Gigabit Ethernet SFP - LC 10km - 1310nm - DDM (SFP1000LXST)

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Optical Transceiver SFP+ 10G Single-Mode Module 1310nm 10km LC

Explore the features, applications, and selection guide for optical transceiver SFP+ 10G single-mode 1310nm 10km LC modules for data centers and enterprise networks.

1310nm Single Mode Fiber Optical Transceivers Explained

Learn what a 1310nm single mode fiber optical transceiver is, how it works, key specs, use cases, and when it's the best choice for your network.

optical transceiver sfp+ 10g single mode module

The 1310nm LC Interface 10G Singlemode Dual-fiber Optical Module is the workhorse of the modern network. It combines speed, distance, and reliability

TP-Link Omada SM6110-LR network transceiver module Fiber optic

It is a 10G/25GBASE-LR high performance 1310 nm single-mode SFP+/SFP28 transceiver. It supports full duplex, 10G/25G Ethernet connections up to 10 km with 9/125µm fiber cables respectively.

Fiber Optic Transceiver Guide | PHILISUN

Understand fiber optic transceivers, including form factor, speed, wavelength, reach, connector, coding and cable matching.

Singlemode SFP Transceivers 1310 nm Fiber Optic Transmitters,

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XG-SFP-LR-SM1310 10GBASE-LR SFP+ 1310-nm 10-km DOM

The XG-SFP-LR-SM1310 is aligned to IEEE 10GBASE-LR optical specifications and supports a link length of up to 10 kilometers over a single-mode fiber (SMF) with an LC connector.

Cisco 10GBASE SFP+ Modules Data Sheet

When shorter distances of single-mode fiber are used (<40km), an inline optical attenuator must be used to avoid overloading and damaging the

SFP+ singlemode 1310nm Transceiver

Optische SFP+ Transceiver Module singlemode 1310nm für 10 Gigabit Ethernet sind für kurze bis mittlere Übertragungstrecken (2km bis 40km) über singlemode LWL Glasfaser geeignet. Wir liefern

Contact Us

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