

Single-core 10GE optical module



Overview

BENCHU GROUP's SFP+-10G-LR13-10 SFP+ transceiver module is a high-performance optical module designed for 10 gigabit ethernet applications over single-mode fiber (SMF). It operates at a wavelength of 1310nm and supports transmission distances of up to 10 kilometers. They are applicable to data center and campus networks, enabling cost-effective, efficient, and high-speed interconnection among. FS 10GbE SFP+ module solutions provide a wide variety of 10 Gigabit Ethernet connectivity options for data centers, enterprise wiring closets, Internet Service Providers (ISPs) applications. Power Consumption CLASS 1 LASER PRODUCT, IEC/EN 60825-1:2014 Do not look into the ends of the fiber optic cable or SFP module while converters are. This document provides an overall description of the CE12800 series switches hardware, helping you obtain detailed information about each chassis, power module, fan module, card, cable, and pluggable modules for interface. SPEED REDEFINED: 10 Gigabit Performance for Modern Networks Subheading Focus: Bandwidth & Low Latency Speed defines.



Article Content

10Gtek 10GBase-LR SFP+ Transceiver, 10G 1310nm SMF

Compatible with both 62.5um and 50um LC cables; Supports OM1/OM2/OM3/OM4 fiber cables. Protected by high-quality zinc metallic casing to ensure good heat dissipation and low

10GE SFP+ Optical Modules

If the SFP-10G-ER-1310 is connected to a 10Gbase-ER standard optical module (1550nm, 10GE, 40km), the maximum transmission distance is only 20km due to different specifications such as wavelength

10 Gigabit Optical Transceivers | SFP+ and XFP

Perle 10 Gigabit Optical Transceivers are interchangeable, compact media connectors and enable a single network device to connect to a wide variety of

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Empowering Enterprise Connectivity: An In-Depth Look at the Huawei ...

Discover the details of Empowering Enterprise Connectivity: An In-Depth Look at the Huawei S5735-L48P4X-A Switch at LonRise Equipment Co. Ltd., a leading supplier in China for

What are the key considerations for selecting SFP vs QSFP Optical Modules?

In popularizing optical modules, SFP and QSFP are often confused. They are actually packaging interface standards from different eras, with the core differences being size, number of

10G Single-mode SFP+ Transceiver Module (SMF, 1310nm, 10Km,

BENCHU GROUP's SFP+-10G-LR13-10 SFP+ transceiver module is a high-performance optical module designed for 10 gigabit ethernet applications over single-mode fiber (SMF). It operates at a

Understanding Optical Modules: Types and

Working Principle of Optical Modules Optical Modules (also known as Optical Transceivers) are critical components in fiber optic communication systems. As

The Ultimate Reference Table for SFP & QSFP Optical Transceiver ...

Executive Summary: Navigating the 2025 Optical Landscape In 2025, the optical transceiver market has shifted decisively. While 100G remains the workhorse for enterprise edges,

Fiber Optic Patch Cables: The Complete 2026 Buyer's Guide

Confused by LC, SC, MPO, UPC, and APC? This complete fiber optic patch cable guide covers connector types, single-mode vs multimode, insertion loss specs, and how to choose the right

Optic Modules Datasheet

Features and Benefits The following table lists the different pluggable optic modules and supported platforms, along with the technical specifications for each.

How to Choose Between SFP, SFP+, SFP28 and QSFP Modules

SFP vs SFP+ vs SFP28 vs QSFP module selection guide. Compare speeds, form factors, compatibility, and choose the right module for ISP networks.

SFP-10G-ZRV Huawei 10Gigabit single-mode dual-fiber 80km optical module ...

10 Gigabit single fiber and single core 80km Ruikangda 1 in pairs and 1 in pairs. It doesn't matter if the code is universal! ! ! !

Cisco 10GBASE SFP+ Modules Data Sheet

The Cisco 10GBASE SFP+ modules give you a wide variety of 10 Gigabit Ethernet connectivity options for data center, enterprise wiring closet, and service provider transport applications.

Inventory Of 10G Optical Modules

The 10G electrical port module is an electro-optical conversion module packaged in SFP+ form factor, with an RJ45 interface. It is usually used with Cat6A or Cat7 network patch cords,

The Core Components of Optical Modules: Lasers,

Explore how lasers, modulators, and photodiodes form the core of optical transceivers, enabling high-speed, low-latency data transmission across

StarTech HP JD094B Compatible SFP+ Transceiver Module

StarTech HPE JD094B Compatible SFP+ Module - 10GBASE-LR - 10GbE Single Mode (SMF) Fiber Optic Transceiver - 10GE Gigabit Ethernet SFP+ - LC 10km - 1310nm - DDM HPE 5900,

10GE SFP+ Optical Modules

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optical transceiver sfp+ 10g single mode module 1310nm 10km lc

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

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

XG-SFP-LR-SM1310 10GBASE-LR SFP+ 1310-nm 10-km DOM Duplex LC SMF Optical Transceiver Module Applicable to data center and campus networks, enabling cost-effective, efficient, and high

SFP+ Transceiver 10G Single LC Module

10Gtek's 10GSFP-BD-10-U/D (pair) is a pair of 10Gbps SFP+ BiDi transceivers supporting up to 10 km over single LC SMF fiber, following IEEE 802.3ae and SFP+ MSA 10GBase-LR.

Single Mode vs Multimode Fiber, What is The

Learn the key differences between single mode vs multimode fiber cables and choose the right one for your fiber optic system.

10Gtek 10GBase-LR SFP+ Transceiver, 10G 1310nm SMF

Compatible with both 62.5um and 50um LC cables; Supports OM1/OM2/OM3/OM4 fiber cables. Protected by high-quality zinc metallic casing to ensure good heat dissipation and low electromagnetic interference. Exhaust heat shield cover makes plugging and removing easier. Hot-Swappable is also

ESP8266EX 2.4GHz wireless module 20dBm 100mW UART WiFi module

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Custom 100G QSFP28 SRBD Module | Duplex LC MMF

Dual-Wavelength PAM4: Multiplexes 850nm and 900nm optical frequencies to execute concurrent 50G bidirectional transmission and reception within a single multimode core. Wideband Fiber

10G SFP+ Optical Transceivers | Transceiver Module

FS 10GbE SFP+ module solutions provide a wide variety of 10 Gigabit Ethernet connectivity options for data centers, enterprise wiring closets, Internet Service Providers (ISPs) applications.

Contact Us

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