

What does 10km-c optical module mean



Overview

The SFP-10GLR-31 is a type of small form-factor pluggable plus (SFP+) optical transceiver module that is created for 10 Gigabit Ethernet applications. 10GBASE-LR is a 10-gigabit Ethernet optical standard that operates at 1310 nm over single-mode fiber (SMF), supporting link distances of up to 10 km. It is typically implemented using SFP+ transceivers and defined under IEEE 802. This LC transceiver delivers effortless 10km connectivity for data centers and servers. SPEED REDEFINED: 10 Gigabit Performance for Modern Networks Subheading Focus: Bandwidth & Low Latency Speed defines. SFP-10G-LR-10KM-C-D12 optical module product of Moduletek can support 10G Ethernet transmission of 10km in single-mode fiber, Moduletek Laboratory tested the product samples to facilitate a further understanding of the product's performance indicators and the effect of actual machine use. Cisco SFP-10G-LR module is capable of working with a link length of up to 10 km on any basic single-mode fibre.



Article Content

Cisco SFP-10G-LR Module: 10km Range & Specifications

Cisco SFP-10G-LR module is capable of working with a link length of up to 10 km on any basic single-mode fibre. It complies with the 10GBASE-LR standard and uses 1310nm lasers.

10GE SFP+ Optical Modules

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

What Is 10GBASE-LR? SMF 1310nm 10km SFP+ Explained

10GBASE-LR is a 10-gigabit Ethernet optical standard that operates at 1310 nm over single-mode fiber (SMF), supporting link distances of up to 10 km.

10G SFP+ LR Explained: Specs, Distance, and Use Cases

In 10G SFP+ modules, "LR" stands for Long Reach and specifically refers to a standardized transmission distance of up to 10km over single-mode fiber. It is not a marketing label, but a distance

Wavelength and Transmission Distance of Optical

The price of the optical sources and signal converters that are paired with 850nm optical transceiver modules is far lower than the prices of 1310nm and 1550nm

10GBASE-LR SFP+ 1310nm 10km LC SMF DOM

GLSUN's Cisco SFP-10G-LR compatible SFP+ transceiver module provides 10GBase-LR throughput up to 10km over multimode fiber (MMF) using a

100GBASE-LR4 CFP2 10km Optical Transceiver

Description The Gigliaght 100GE/OTU4 CFP2 LR4 EML 10km optical transceiver (GF2-S101-LR4C) is a hot-pluggable form-factor module designed for high-speed optical networking application. The

What Is an SFP Module? — Complete Guide to SFP, SFP+ & SFP28

□ What Is an SFP Module? An SFP module (Small Form-factor Pluggable) is a removable, standardized transceiver that plugs into an SFP cage or slot on networking devices such

10Gb/s 40km CWDM SFP+ ER Transceiver Module

Buy 10Gb/s CWDM 1470~1610nm 40km SFP+ ER Optical Transceiver from Manufacturer at Affordable Factory Price,5-Year Warranty & Money-back

GE SFP 10KM Module

toring Interface) The GE SFP 10KM Converter Modules are equipment that enable the increase of the coverage area of networks and, combined with a high data transfer rate, meet the new convergent

The Essential Guide to SFP-10G-LR Optical Transceivers

Understanding its capabilities and selecting the right module is paramount for optimal network performance and cost efficiency. What is an SFP

Comprehensive Guide to FS 10G BiDi SFP Modules

Optimize your fiber utilization with FS 10G BiDi SFP+ modules. Single-fiber 10G transmission, lower costs, high compatibility—ideal for data

The Ultimate Guide to FS SFP-10GLR-31 Transceiver

Explore the FS SFP-10GLR-31 transceiver, a high-performance 10G optical module for long-distance data transfer, ideal for data centers and

All You Need to Know About the 1310nm 10km DOM

It works at the wavelength of 1310nm and has the capacity to transmit data through single-mode fiber (SMF) up to 10 kilometers. This model supports

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

It is programmed for installations in switches, routers, servers, PCI Cards, Firewalls and other connections in equipment that have 10G SFP+ interfaces. With this Mini-Gbic you can carry out

10G Optical Modules: Short-Range vs. Long-Range Comparison Guide

Understand short-range and long-range 10G optical modules in terms of distance, budget, energy use, and scalability to make the right choice.

1000BASE-LX SFP Transceiver

This is meant to enlighten readers on the most important characteristics and performance abilities of these transceivers for reliable long

Moduletek Limited SFP-10G-LR-10KM-C-D12 Optical

SFP-10G-LR-10KM-C-D12 optical module product of Moduletek can support 10G Ethernet transmission of 10km in single-mode fiber, Moduletek

Exploring the Correlation Between Optical Module Wavelength and ...

This article delves into the correlation between optical module wavelength and transmission distance, shedding light on the complexities that impact the efficiency of data transmission.

The Most Comprehensive Guide Of Optical Modules

Explore the ultimate guide to optical modules. Learn types, functions, performance metrics & how to choose the right module for your fiber network.

10GBASE-LR SFP+ 1310nm 10km Transceiver Datasheet | 6COM

These values represent the damage threshold of the module. Stress in excess of any of the individual Absolute Maximum Ratings can cause immediate catastrophic damage to the module even if all

10GBASE-LR SFP+ 1310nm LC 10km SMF Optical

Asterfusion compatible 10GBASE-LR SFP+ Transceiver Module, up to 10km over SMF, applied for 10 Gigabit Ethernet, larger campus networks, enterprise

SFP+10G 1310nm 10Km LC Optical Module Guide

By offering high data rates, long-distance connectivity, and low power consumption, this optical module addresses the growing demands for bandwidth and reliability

Inventory Of 10G Optical Modules

SFP+ optical modules are widely used in 10G Ethernet due to their advantages of compact size, low cost and high density, and they are currently the most common 10G optical

100GE/OTU4 CFP LR4 EML 10km Optical Transceiver

Description The Gigliaght 100GE/OTU4 CFP LR4 EML 10km optical transceiver (GCF-S101-LR4C) is a hot-pluggable

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

Upgrade networks with our optical transceiver sfp+ 10g single mode module 1310nm 10km lc. This LC transceiver delivers effortless 10km connectivity for data centers and servers.

The Ultimate Guide to SFP-10G-ZR: Understanding the

Discover the SFP-10G-ZR transceiver module, a Cisco SFP-10G-ZR compatible solution for 80km links using 1550nm SMF fiber, perfect for reliable optical

Understanding the Cisco SFP-10G-ZR: A Reliable 10G Optical

Discover the Cisco SFP-10G-ZR, a robust 10G optical transceiver module designed for SMF 1550nm applications. Achieve up to 80km connectivity with reliable single-mode fiber performance.

The Complete Guide to the Best Choice of 10G SFP

WHGEARLINK Brand Optical Modules WHGEARLINK is a reputable brand known for producing high-quality 10G SFP+ optical modules. Their products are

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