# ZITHA TECH SPECIALTY CABLES (Pty) Ltd

# Slovakia 10G Optical Module



## Overview

Choosing the correct 10GBASE standard requires balancing distance, fiber type, optical budget, and cost.

## Key Takeaways

10GBASE-LR SFP+ Module: 10Gb/s data rate, Single-Mode, duplex LC connector, 1310nm wavelength, the transmission distance up to 10km, working temperature: 0℃ ~ 70℃, Tx Power (dBm): -6. Easy to use & Support DDM: Plug and play, hot-pluggable. Wide Compatibility: Compatible for Cisco SFP-10G-LR/SFP-10G-LR-S, Ubiquiti UF-SM-10G-20, Netgear AXM762, D-LINK DEM-432XT, TXM431-LR, Qnap Nas SFP+, Mikrotik S+31DLC10D, Supermicro, Linksys, Allied, and other Open Switch. Widely used in fiber switches, routers, NIC, server or other fiber optic. 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. They are applicable to data center and campus networks, enabling cost-effective, efficient, and high-speed interconnection among. 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. 10G-LR module has become one of the most widely. DESIGNED FOR USE IN 10GB/S DATA RATE LINKS. The matrix cable can realize any interconnection of 8 groups of QSFP28 (32 x 25G ports). 10Gtek QSFP28 Extender is designed to.

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## Article Content

Buy QSFPTEK 2Pack 10GBASE-LR 10G SFP+ Module, 10Gbe

We can deliver the QSFPTEK 2Pack 10GBASE-LR 10G SFP+ Module, 10Gbe 1310nm, 10km, DDM LC 10gbe Mini-GBIC Network Transceiver for Cisco SFP-10G-LR, Ubiquiti UF-SM-10G, Mikrotik,

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

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

Choosing the correct 10GBASE standard requires balancing distance, fiber type, optical budget, and cost. 10G-LR is ideal for single-mode links up to 10 km, providing reliable performance for enterprise

SFP+, XFP, QSFP+, DAC Twinax Cable 10Gtek Transceivers Co., Ltd

AOC (Active Optical Cable) 10Gtek''s SFP+ Active Optical Cables are hot-swappable, low-voltage cable assemblies that connect directly into SFP+ modules at both ends.

10G Optical Transceiver,10G SFP+ Transceiver

10G CWDM 80KM SFP+ optical transceiver module, support 10Gb/s and up to 80 km transmission. It works in high-speed IDC connection solutions, 5G network

10G SFP+ Optical Transceiver Modules | AscentOptics

We have 10G SFP+ products for various cable types, distances, and wavelengths. Browse our 10G copper, SR, BIDI, CWDM, DWDM, and tunable SFP+ modules -

Differences Between Optical Modules SFP, SFP+, CFP, XFP, QSFP

At present, 40G optical module and 100G optical module price is too high, power consumption is too large, and 10G optical module rate can not meet the network demand, so 25G

AI Drives Doubling of 800G Optical Transceiver Shipments in 2025

Furthermore, driven by escalating demands from AI technology, shipments of 800G optical transceivers are projected to grow by 100% year-over-year in 2025. The market will also see the initial shipments

How to Test Optical Transceiver Modules: Methods, Metrics & Best ...

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Learn how to test optical transceiver modules using power meters, BERT testers, and DDM tools. Ensure compatibility, performance, and reliability in data center and enterprise networks.

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

Reach Further, Faster: Your Ultimate Guide to Long-Range 10G Optical ...

Long-range 10G optical modules enable high-speed data over distances up to 80km. Learn about types, specs, compatibility, and choosing the right module.

SFP+, XFP, QSFP+, DAC Twinax Cable 10Gtek Transceivers Co., Ltd

DAC Twinax Cable Maker. CE, FCC, RoHS, ISO9001 Certified. Professional Manufacturer focusing on SFP+ Cables, QSFP+ Cables, MiniSAS Cables, QSFP Cables, XFP Cables, CX4 Infiniband Cables

Single Mode Optical Modules Market 2026

Emergence of Coherent Optics for Long-Haul The market is seeing growing interest in coherent Single Mode Optical Modules for metro and long-haul applications, offering improved transmission

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