

Nine-Link 10G Optical Module



Overview

The 10G SFP+ ER module is designed to transmit data over long distances of up to 40 kilometers. Utilizing a wavelength of 1550nm, it is compatible with single-mode fiber. It is typically implemented using SFP+ transceivers and defined under IEEE 802. More information ML-S+31D-10 is a singlemode 10G SFP+ module with 1310nm wave length and 2 LC. 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. The EDGEOPTIC 10G-SFP-10 is a multi-vendor compatible 10GBASE-LR SFP+ transceiver for 10km single-mode fiber connectivity at 1310nm. With a 6dB guaranteed optical link budget, this module supports dual-rate operation at 1G Ethernet (1).



Article Content

Oct 12, 2025

LINK-PP LS-SM3110-10C: Your Ultimate 10G SFP+ LR

The LINK-PP LS-SM3110-10C 10G SFP+ LR 10km optical module represents a perfect blend of performance, reliability, and value for demanding

Sep 18, 2025

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. It is typically implemented using SFP+ transceivers

Jan 09, 2026

Cisco Catalyst 9000 Series: C9200-NM-4X - High

Cisco Catalyst 9000 Series: C9200-NM-4X - High-Density 10G Ethernet Network Module Product Overview The Cisco C9200-NM-4X is a 4-port

Apr 02, 2026

How 10G SFP+ ER Modules Enable Long-Distance Optical Link

The 10G SFP+ ER module is a small transceiver that converts electrical signals into optical pulses and back, allowing for high-speed communications over long distances.

Jul 16, 2025

SFP+ 10GB | CSN Germany GmbH

SFP+ (SFP-10G) sind derzeit für 10Gbit Installationen eindeutig die beste Wahl. Tecowin liefert SFP+ Module 100% kompatibel für alle relevanten Hardware Hersteller. Unsere Qualität und das Preis

Nov 01, 2025

10Gtek 2-Stück 10Gb SFP+ SR Multimode Modul,

Es gibt keine Link-Flaps, keine Paketverluste und keine sporadischen Aussetzer.

Sep 04, 2025

10G Optical Transceiver Modules | Broadex Technologies

Broadex Technologies' high performance and cost effective 10G Optical Transceiver Modules are built utilizing our innovative COB technology. These reliable and

Aug 12, 2025

Fiber Optic Networking 101: Creating a 10G Point-to

Fiber Optic Networking 101: Creating a 10G Point-to-Point Link The need for a 10G fiber optic network arises from the ever-increasing demand for

Mar 03, 2026

Optical Transceiver Module

Fiber optic module manufacturer, ETU-Link supply full model optical transceivers, including standard 8g/10g/25g/40g/100g sfp+ optical modules and

Sep 05, 2025

The Complete Guide to the Best Choice of 10G SFP

Types of 10G SFP+ Optical Modules 10GBASE-SR (Short Range) modules are designed for short-distance communication, typically within data centers. They

Dec 20, 2025

LINK CABLE

The LINK SFP+ transceivers are high performance, cost effective modules which is the best for all 10G network interface, The UT-910G series can install into Switch products with SFP+ interface and can

Jan 15, 2026

10GBASE-LR SFP+ | From €12 | EDGE Optical Solutions

The EDGEOPTIC 10G-SFP-10 is a multi-vendor compatible 10GBASE-LR SFP+ transceiver for 10km single-mode fiber connectivity at 1310nm. With a 6dB

Nov 15, 2025

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.

May 01, 2026

Cisco 10 Gigabit Modules

Table 2 shows the main optical characteristics for the Cisco optical XFP modules. A multirate module, the XFP module can operate at 10 Gigabit

May 18, 2026

10G Optical Transceivers: Empowering Next-Generation

10G Optical Transceiver for Telecom: Specifications, Applications, and Benefits The relentless growth of data traffic-driven by cloud computing, video

Jun 11, 2026

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

Amazon : 10Gtek 10GBase-LR SFP+ Transceiver, 10G 1310nm SMF SingleMode LC Fiber Optic Module, up to 10km, for Cisco SFP-10G-LR, Meraki MA-SFP-10GB-LR, Ubiquiti UniFi UF-SM-10G, Mikrotik, Fortinet, TP-Link : Electronics 10Gtek focuses on developing high performance cable and

Feb 11, 2026

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

Jun 07, 2026

MaxLink 10G SFP+ optical module, SM, 1310nm, 10km, 2x LC

ML-S+31D-10 is a singlemode 10G SFP+ module with 1310nm wave length and 2 LC connectors for link at distance up to 10km. Module is "cisco compatible", so it is compatible with almost all active devices.

Jun 24, 2026

10G SFP+ PRODUCT FAMILY

SFP-10G-LR, SFP-10G-LR-S, SFP-10G-LR-X The 10GBASE-LR SFP+ module supports a link length of up to 10km on standard single-mode fiber (SMF, G.652). 10GBASE-LW and OTU2/OTU2e protocols

Jul 27, 2025

10G SFP+ LR DML 1310nm 10km Optical Transceiver Module

The GIGALIGHT 10G SFP+ LR optical transceiver module is used for long-distance transmission in the field of data communication or telecommunications, conforms to IEEE 802.3ae 10GBASE-LR

Oct 29, 2025

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

The SFP+10G 1310nm 10Km LC optical module is a powerful and versatile solution for high-speed, long-distance data transmission. Understanding SFP+ optical

Apr 20, 2026

SFP+ Transceiver 10G Single LC Module

GET brand new optical transceiver whit wholesale price at 10Gtek Store, 10G SFP+ (DOM, BiDi 10km SMF Single LC) modules online sale.

Jul 06, 2025

SFP+ 10G 1310nm 20KM Duplex

SFP+ 10G 1310nm 20KM Duplex 10GBASE SFP+ modules provide a wide variety of 10 Gigabit Ethernet connectivity options for data center, enterprise wiring closet, and service provider transport applications.

Nov 04, 2025

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

Jul 13, 2025

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

Equipped with an LC connector and Digital Optical Monitoring (DOM), it ensures real-time diagnostics for performance monitoring. The module is compliant with SFP+

Feb 20, 2026

10G SFP+ Optical Module Costs and Technology

ETU-Link 10G SFP+ module excel in compatibility. Its optical modules are compatible with mainstream global network equipment brands and can be

Oct 27, 2025

SFP vs SFP+ vs SFP28 vs QSFP+ vs QSFP28: 2026

1) What Transceiver Form Factors Mean (2026) SFP-family and QSFP-family transceivers are hot-pluggable modules that convert electrical

Sep 13, 2025

10G Optical Module Selection Guide: LRM, SR, LR, ER, ZR

In the construction of high-speed networks, 10G optical modules are core components of data centers, enterprise networks, and telecommunication networks. However, facing the numerous

Contact Us

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