

Estonia 10km optical module



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. In the transmit side, one of serial data streams are recovered, retimed, and passed to laser driver. It is typically implemented using SFP+ transceivers and defined under IEEE 802. 10G-LR module has become one of the most widely. 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. This product need to use in pair and match up with fiber converter and optical Ethernet switch with SFP slot, it can be used in Ethernet, telecom and. HW SFP-10G-LR 10GBASE-LR SFP+ Transceiver 1310nm 10km - FS. com Europe FS EuropeFREE SHIPPING on Orders Over EUR 79 VAT excl. Germany HomeOptical Transceivers10/25/40/100G. The 2A-142G 10G Single-Mode/10KM Fiber SFP+ Module is designed for use in 10GbE Ethernet environment that allows you to connect a single-mode Gigabit Ethernet network cable to a network switch's SFP+ port.



Article Content

Mar 08, 2026

10Km SFP+ Optical Module

This product need to use in pair and match up with fiber converter and optical Ethernet switch with SFP slot, it can be used in Ethernet, telecom and optical

Oct 15, 2025

Ubiquiti 10 Gbps Single-Mode Optical Module 10 km 2

Ubiquiti 10 Gbps Single-Mode Optical Module 10 km 2-Pack extends fiber links up to ten kilometers. Shop at NAS STORE.

Aug 10, 2025

HW SFP-10G-LR 10GBASE-LR SFP+ Transceiver 1310nm 10km

HW compatible SFP+ transceiver supports up to 10km link lengths over LC duplex SMF fibre. This transceiver is compliant with SFF-8431, SFF-8432 and IEEE 802.3ae standards.

Feb 11, 2026

Huawei OSX010000 SFP+ 10G Single Mode Optical

Huawei OSX010000 SFP+ 10G transceiver for single-mode fiber, 1310nm wavelength, 10km range. Compliant with 10Gbase-LR standard.

Jul 27, 2025

Enabling Long-Reach 10G Connectivity: The 80km

In today's data-driven world, the demand for high-speed, reliable, and long-distance optical connectivity continues to grow. The CC-PII448L-xD 10Gb/s

Apr 12, 2026

10G lr 10km

This transceiver module is ideal for extending network reach in applications such as 10 Gigabit Ethernet long-haul transmissions, metropolitan area networks, and other optical links requiring a distance of

Jul 08, 2025

Like the sound of 10-gigabit internet everywhere? Then

Nokia and Starman are working away on building Europe's first nationwide 10-gigabit residential network, which will cover Estonia.

Sep 11, 2025

SFP 10 km transceiver | 1G LX Ethernet

OptoSpan 10 km SFP transceiver for 1G LX Ethernet. 1Gb SFP 1310nm transceiver for single-mode fiber. Details: This advanced 12dB transceiver is designed for highly reliable fiber optic network links

Oct 06, 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.

Jan 22, 2026

10X10 MSA releases 10-km, 40-km specs for 100-Gbps optical

The 10X10 MSA has added to its potential portfolio of 100-Gbps optical modules with the announcement of specifications for 10-km and 40-km reach.

Jul 02, 2025

10G SFP+ Optical Transceiver, 10 km Range, 1330/1270

High-performance 10G SFP+ transceiver with 10 km SMF range, 1330/1270 nm wavelengths, real-time digital diagnostics, and RoHS compliant.

Oct 04, 2025

10Km SFP+ Optical Module

This is a standard SFP+ optical module. It uses two single mode optical fibers and the speed rate can up to 10Gbps, transmission distance up to 10km. This product

Apr 06, 2026

SFP Transceiver

The GSFIBER-SFP-10K is a Gigabit Ethernet single-mode SFP transceiver. Utilizing LC connectors and operating at a 1310nm wavelength, it enables high-speed data transmission over single-mode fiber

Nov 04, 2025

10G BiDi XFP 10km Side A | Single Fiber | EDGEOPTIC

10G BiDi XFP Side A: 1270/1330nm, 10km single fiber, 8dB budget. Cost-effective WDM solution, multi-rate 1.24-11.32 Gbps. Pair with Side B.

Mar 01, 2026

100GBASE-LR4 QSFP28 10km SMF | €181 | EDGE

100GBASE-LR4 QSFP28 transceiver, 10 km SMF, 4 LAN WDM, 6.3 dB link budget. Dual-rate LR4/OTU4 (112 Gbps). EU stock + lifetime warranty. From €181.

Jul 01, 2025

10G SFP+ LR 1310 nm 10 km Optical Transceiver

The 10G SFP+ LR 1310 nm 10 km Optical Transceiver Module delivers carrier-grade performance for 10 Gigabit Ethernet links up to 10 km over ITU-G.652 single

May 06, 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

Jul 21, 2025

Arista Networks SFP-10G-LR Compatible 10Gb SFP

Arista Networks SFP-10G-LR Compatible 10G SFP+ Module - Single-mode 1310nm Wavelength for up to 10km with Standard Compatability This high-quality Arista

Aug 07, 2025

Optical Transceivers / SFP Modules – High-Performance Compatible

Comprehensive Optical Transceivers & SFP Module for High-Speed Networks LINK-PP offers a full range of optical transceivers and SFP module for modern data centers, telecom networks, and

Aug 16, 2025

10G Single-Mode/10KM Fiber SFP+ Module

The 2A-142G 10G Single-Mode/10KM Fiber SFP+ Module is designed for use in 10GbE Ethernet environment that allows you to connect a single-mode Gigabit

Feb 04, 2026

Estonia launches Europe's first 10G EPON optical network

Estonian cable operator Starman has launched Europe's first 10G Ethernet passive optical network (EPON) as it looks to offer ultra-fast internet services throughout the country.

Jun 15, 2026

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

Jan 25, 2026

10G SFP+ 20km LR | From €12 | EDGE Optical Solutions

10G SFP+ for 20km SMF reach at 1310nm, 9 dB budget. Multi-protocol: 1G/10GbE, 1G-10G FC, STM-64. EU stock, lifetime warranty. From €12.

Aug 28, 2025

The Advantages of 10Gb/s 10km SFP+ Optical

In today's high-speed networking environments, 10Gb/s SFP+ optical transceiver modules have become indispensable components for enabling

Jul 23, 2025

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.

Mar 18, 2026

10Gb/s 10km SFP+ Optical Transceiver Module

10Gb/s 10km SFP+ Optical Transceiver Module: A High-Performance Networking Solution The CC-PII221L-xD 10Gb/s SFP+ optical transceiver module

Sep 24, 2025

10G Base ER Compatible Transceiver

Compatible 10G Base ER SFP+ for 40km single-mode fiber. 1550nm, 15dB budget, IEEE 802.3ae. Works with 80+ brands.

Jan 20, 2026

SFP+ 40km (10GBASE-ER): Extended-Reach Optical Module Guide

Understand SFP+ 40km (10GBASE-ER) modules, including specs, SMF compatibility, and how to choose the right extended-reach optical transceiver for your network.

Contact Us

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