

# Belarusian Gigabit Single-Mode Optical Module



## Overview

This is a standard SFP optical module. 25Gbps, transmission distance up to 20 km. This product need to use in pair and match up with fiber converter and optical Ethernet switch with SFP port, it can be used in Ethernet, telecom and. 1. Widely compatible with Cisco, Meraki, Ubiquiti UniFi, Mikrotik, Intel, Fortinet, Netgear, D-Link, Supermicro, TP-Link, Broadcom, Linksys and other open switches. Center wavelength 1) 850nm (MM, multi-mode, low cost, but short transmission distance, usually only 500M); 2) 1310nm (SM, single mode, large loss during transmission, small dispersion, generally used for transmission. GIGALIGHT 100G QSFP28 BiDi xLR1 100G single fiber transceiver module is designed for 100 Gigabit Ethernet links over 20km of single mode fiber. QSFP28 refers to the physical form factor—Quad Small Form-factor Pluggable 28—which supports 4 channels of 25Gbps to achieve a total data rate of 100Gbps.



## Article Content

Jun 23, 2026

100G QSFP28 BiDi xLR1 EML 1291nm/1311nm 20km

GIGALIGHT 100G QSFP28 BiDi xLR1 100G single fiber transceiver module is designed for 100 Gigabit Ethernet links over 20km of single mode fiber. The

Jan 03, 2026

Gigabit single-mode single-core fiber optic module

The general parameters and basic knowledge of Gigabit optical transceivers are difficult to master. The following will introduce the general parameters of the optical module and the basic

Sep 19, 2025

Cisco SFP Modules for Gigabit Ethernet Applications

This data sheet describes the benefits, specifications, and ordering information for the Cisco SFP Modules for Gigabit Ethernet Applications.

Nov 03, 2025

SFP Single Mode LC Module (20km)

Each TEG-MGBS20 single mode fiber SFP is equipped with a duplex LC fiber connection interface, supports high-speed data rates up to 1.25Gbps, and supports gigabit single mode fiber connections

Jul 30, 2025

Huawei Technical Support

This document provides technical details about 1Gbps eSFP Optical Modules, including specifications and support information.

Feb 27, 2026

ZoeRax 1 Pair Gigabit SFP Optical Module SC 1.25G

ZoeRax Gigabit Single-Mode Single-Fiber SFP Module is designed for enterprise networks, data centers and long-distance transmission. Utilizing WDM

Sep 18, 2025

Single Fiber (BiDi)

Teroline single fiber bidirectional SFP module for Gigabit Ethernet applications over single mode optical fiber. The module can be used with any network device that accepts standard MSA transceivers -

May 01, 2026

SFP Transceiver

Utilizing LC connectors and operating at a 1310nm wavelength, it enables high-speed data transmission over single-mode fiber for distances up to 10 kilometers. This module provides a reliable long-reach

May 28, 2026

Unlocking 10km High-Speed Connectivity with 100G

The 100G QSFP28 LR4 module uses a combination of advanced optical technologies to achieve long-distance, high-speed performance. It integrates four

Jun 25, 2026

SFP Gigabit Fiber Module

Get the most out of your network performance with our 1000Base-EX LC singlemode 1310nm SFP Gigabit Fiber Modules.

Mar 22, 2026

What is a 100 Gigabit Singlemode SFP-FE-LX Optical Module?

The 100 Gigabit Singlemode Optical Module SFP-FE-LX is an optoelectronic converter module with SFP interface, supporting 100 Gigabit Ethernet standard and transmission distance up

Mar 30, 2026

A Complete Guide to 1G Optical Modules and How

1G optical modules are designed to operate at a data transfer rate of 1 Gigabit per second (Gbps). These modules are compatible with single-mode and

Sep 07, 2025

Dahuasecurity

Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

Jul 16, 2025

Huawei OSX010000 SFP+ 10G Optical Transceiver Module

Huawei OSX010000 SFP+ 10G optical transceiver module for 10km single-mode fiber, compact design, 1-year warranty. Ideal for enterprise networks.

Aug 08, 2025

Gigabit Fiber SFP Optical Transceiver Module

Gigabit Fiber SFP Optical Transceiver Module 1000Base-LX (LC) Single-Mode Port, 20 km (12.4 mi.) SKU: 506724 ISFP-1G-LCSM-20KM In stock Request access to

Nov 10, 2025

SFP+ Single Mode LC Module (10km)

TRENDnet's SFP+ Single Mode LC Modules are compatible with standard SFP+ slots found on network switches and fiber converters. Each single mode 10G

Oct 15, 2025

What Are The Types Of Gigabit Optical Modules

The interface type of dual fiber optical module is duplex LC, and the optical fiber types are single-mode and multi-mode. Gigabit multimode optical module is used together with OM2

Aug 02, 2025

1 Gigabit Singlemode SFP Fiber Optic Transceivers

1 Gigabit Singlemode SFP Transceivers Our 1 Gigabit Singlemode SFP Transceivers offer high-performance, reliable connectivity for singlemode fiber optic networks.

Aug 10, 2025

MSA Uncoded SFP Module

MSA Uncoded SFP Module - 1000BASE-LX - 1GbE Single Mode Fiber (SMF) Optic Transceiver - 1GE Gigabit Ethernet SFP - LC 10km - 1310nm - DDM Learn why IT Pros trust StarTech for

Oct 03, 2025

Buy ipolex 1.25G SFP Transceiver, 1000Base-LX Single Mode SFP ...

Ideal for connecting a 1G switch, router, server, NIC and other transmission equipment to Gigabit fiber channel network for 1.25 Gigabit Ethernet communication links, LAN & SAN Networks and other

Jun 29, 2025

Cisco MGE SFP Modules Cisco Small Business Network Accessories

The transceivers are available for single-mode or multimode fiber-optic cabling and can support distances from 100 meters up to 40 kilometers. The Cisco MGE transceivers provide fast,

Jan 18, 2026

### 1G SFP Transceivers | Mini-GBIC SFP Modules

FS gigabit ethernet transceiver solutions provide fibre or copper options including 1000BASE-SX, 1000BASE-LX/LH, 1000BASE-T etc., from 100m to 160km, for 1G

Apr 16, 2026

### Dahua GSFP-1310T-20-SMF Gigabit Optical Module

The GSFP-1310T-20-SMF from Dahua is a high-performance gigabit optical module designed for efficient data transmission. Built with a single mode single fiber architecture, this module supports a

Oct 24, 2025

### 100G QSFP28 Single Fiber (BiDi) Modules: Technology, Benefits ...

100G QSFP28 single fiber (BiDi) modules are a practical, proven method to increase the effective capacity of existing fiber plants, reduce cabling complexity, and optimize total cost of

Mar 22, 2026

### Buy QSPTEK1000BASE-LX/LH SFP Module, 1Gbe Gigabit Single

We can deliver the QSPTEK1000BASE-LX/LH SFP Module, 1Gbe Gigabit Single-Mode LC Mini-GBIC Transceiver for Cisco GLC-LH-SM/SFP-GE-L/GLC-LX-SM-RGD, Ubiquiti UF-SM-1G, Netgear,

Dec 22, 2025

### Accessories MINI-GBIC-LX-SM1310 1000BASE-SX SFP 1310-nm 10

MINI-GBIC-LX-SM1310 Module The MINI-GBIC-LX-SM1310 is aligned to IEEE 1000BASE-LX optical specifications and supports a link length of up to 10 kilometers over a single-mode fiber (SMF) with

Feb 04, 2026

### SFP-1G-SX Explained: The Essential Guide to 1G

Fiber Type Mismatch: Using single-mode fiber (SMF) with an SFP-1G-SX module will not work and can potentially damage equipment. Conversely,

Aug 04, 2025

### SFP Optical Module 1.25G Single Optical Fiber 20km

This is a standard SFP optical module. It uses a single mode optical fiber and the speed rate can up to 1.25Gbps, transmission distance up to 20 km.

## Contact Us

For more information, pricing, or custom solutions, please contact us:

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