

Ge optical module transmission distance



Overview

10 Gbit/s SFP+ optical modules apply to 10 GE optical ports. The wavelength can be 850 nm, 1310 nm, or 1550 nm, and the transmission distance ranges from 0. The 1000BASE-BX-D SFP module operates at wavelengths of 1490 nm TX/1310 nm RX, and the 1000BASE-BX-U SFP module operates at wavelengths of 1310 nm. The Gigabit multi-mode optical module is a photoelectric conversion module based on optical fiber communication, with a Gigabit-level transmission rate. In this article, we will answer some common questions about Gigabit Optical Module SFP-GE-SX. >>> Read More: Questions and Answers. Moduletek has SFP-GE-CWDM-1530-32DB-I-F10 optical module which can support GE Ethernet transmission of 120km in single-mode fiber, Moduletek Laboratory has tested the sample of this product, which is convenient for you to know more about the product's performance indexes and the effect of actual.



Article Content

Feb 20, 2026

SFP-GE-LX-SM1310-IN

SFP-GE-LX-SM1310-IN Gigabit Single-Mode 10km Optical Module Specification
Download How to buy

Jan 29, 2026

Knowing about 1.25G multi-mode optical Transceiver: SFP-GE-SX

The transmission distance of the Gigabit multi-mode optical module SFP-GE-SX is related to many factors, including fiber quality, data transmission rate, light source power and receiver sensitivity.

Feb 15, 2026

10 Gbit/s SFP+ Optical Modules

10 Gbit/s SFP+ optical modules apply to 10 GE optical ports. The wavelength can be 850 nm, 1310 nm, or 1550 nm, and the transmission distance ranges from 0.5 km (0.31 mi) to 80 km (49.71 mi).

Nov 28, 2025

SFP Distance Explained: Real-World Range, Limits, and Optics

SFP distance refers to the maximum effective range over which an SFP optical module can transmit data while maintaining signal integrity. It is typically measured in kilometers (km) for ...

May 19, 2026

Gigabit Multimode SFP-GE-SX Frequently Asked Questions and ...

In the previous article, we introduced the definition, transmission distance, parameters, and its application areas of Gigabit Multimode Optical Module SFP-GE-SX, etc.

Mar 29, 2026

Introduction of GE SFP Optical Modules

SFP Optical Modules (Small Form-factor Pluggable) are compact, hot-swappable transceivers used for telecommunication and data communication applications.

Aug 16, 2025

SFP-GE-LX-SM1310-A 1.25G 1310nm 10km Optical Transceiver

What is SFP-GE-LX-SM1310-A 1.25G 1310nm 10km Optical Transceiver Module ? XFP (10GB Small Form-factor Pluggable) optical module: "X" is the abbreviation of Roman numerals 10, all XFP ...

Nov 07, 2025

Pluggable Transceivers Installation Guide

Transmission distances are provided as a nominal guide only. To determine achievable distances, refer to the device's optical specifications and to the specific characteristics of your fiber installation.

Sep 13, 2025

Moduletek SFP-GE-CWDM-1530-32DB-I-F10 Optical Module Sample ...

SFP-GE-CWDM-1530-32DB-I-F10 Optical module of Moduletek supports 120km transmission distance on standard single-mode fiber (SMF) G.652. The official key parameter ...

Contact Us

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