

10 Gigabit Optical Module 10km Matching



Overview

The 10Gbps SFP+ transceiver links up to 10 km away over single-mode fiber. This optical module has a 1310nm DFB transmitter and a PIN receiver, which ensure the reliable transmission of data in both commercial (0 to 70°C) and industrial (-40 to 85°C) temperature ranges. 10G-LR module has become one of the most widely. FS 10GbE SFP+ module solutions provide a wide variety of 10 Gigabit Ethernet connectivity options for data centers, enterprise wiring closets, Internet Service Providers (ISPs) applications. Single-fiber bidirectional (BIDI) optical modules must be used in pairs. Backed by RoHS, CE, and FCC certifications and serial-numbered for traceability, our transceiver meets the highest quality. This RoHS-compliant 1310 nm SFP+ transceiver is a high-performance, small form-factor module for single-mode fiber applications.



Article Content

Single mode SFP+ 10 Gigabit 10km Transceiver

Overview This 1310 nm DFB 10Gigabit SFP+ transceiver is designed to transmit and receive optical data over single mode optical fiber for link length 10km. The SFP+ LR module electrical interface is

SFP-10G-LR SFP+ 1310nm 10km SMF LC Transceiver

VCHUNG 10Gbps 10GBase-IR SMF Single-Mode 1310nm 2km transceiver is small form factor pluggable module for serial optical data communications such as

Optical Fiber and 10 Gigabit Ethernet

As 10 Gigabit Ethernet (10GbE) is introduced into networks the physical limitations and properties of optical fiber introduce new challenges for a network designer.

Guide to 10G BiDi SFP+ Optical Transceivers Modules 2025

Our 10G BiDi SFP+ Optical Transceivers Modules deliver full 10 Gb/s over a single strand of single-mode fiber, halving fiber count and simplifying cable management. In this guide, we dive into

10G SFP+ BiDi 10-80km Single-fiber Bidirectional

The GIGALIGHT's 10G BiDi SFP+ series of optical transceiver modules are widely used in 10G Ethernet and Optical Transport Networks (OTN OTU2e), and are

10GE SFP+ Optical Modules

Single-fiber bidirectional (BIDI) optical modules must be used in pairs. For example, SFP-10G-BXU1 must be used with SFP-10G-BXD1.

ABPTEL SFP-10G-LR 10G SFP+ Transceiver 1310nm 10km LC SMF

The SFP-10G-LR 10G SFP+ Optical Transceiver is designed for 10 Gigabit Ethernet (10GbE) applications over singlemode fiber (SMF). Operating at a 1310nm wavelength, it supports

Cisco SFP-10G-LR Module: 10km Range & Specifications

Complete guide to Cisco SFP-10G-LR module specs, 10GBASE-LR standard compliance, 1310nm laser operation, and EDGE Optic compatibility details.

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

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

10GB SFP+ Transceiver Module (SMF, 1310nm, 10Km, LC, DOM), SFP+-10G-LR13-10
BENCHU GROUP's SFP+-10G-LR13-10 SFP+ transceiver module is a

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

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.

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

Cisco 10GBASE SFP+ Modules Data Sheet

The Cisco 10GBASE SFP+ modules give you a wide variety of 10 Gigabit Ethernet
connectivity options for data center, enterprise wiring closet,

10G SFP+ ER 1310nm 40KM

Product Overview The STC-10G-ER is an extended reach 10G SFP+ optical transceiver
designed for long-distance single-mode fiber (SMF) applications. Operating at a
wavelength of 1310nm, this high

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

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.

SFP+ Single Mode LC Module (10km)

TRENDnet's 10G SFP+ Single Mode LC Modules enable reliable, long-distance
network applications. Each 10G SFP+ transceiver supports high-speed data rate

10GBASE-LR SFP+ 1310nm 10km Transceiver Datasheet | FS

10-Gigabit Ethernet links up to 10km over Single Mode fiber. They are compliant with
SFF-8431, SFF-8432 and IEEE 802.3ae 10GBASE-LR/LW, and 10G Fibre Channel
1200-SM-LL-L Digital diagnostics

SFP 10 Gigabit Fiber Module

Find great prices on our 10GBase-LR LC singlemode 1310nm SFP ethernet fiber modules.

10G13-SSFPx-L

The 10G13-SSFPx-L Enhanced Small Form Pluggable SFP+ optical transceiver is RoHS compliant and designed for use in 10 Gigabit Ethernet links up to 10km over a single-mode fiber.

10GBASE-LR SFP+ 1310nm LC 10km SMF Optical

The 10Gbps SFP+ transceiver links up to 10 km away over single-mode fiber. This optical module has a 1310nm DFB transmitter and a PIN receiver, which ensure

SFP+ Optical Transceiver Modules (10G-SR/LR)

Genuine Amphenol 10GBASE-SR SFP+ Optical Transceiver Modules provide a high-density, high-performance interface for 10-Gigabit Ethernet and Fibre

10G BiDi SFP+ 10km | Tx1330/Rx1270 | Single Fiber Compatible

Compatible 10G BiDi SFP+ for 10km single fiber. Tx1330/Rx1270nm, 6.2dB budget, 50% fiber savings. Works with 80+ brands.

10G SFP+ Optical Transceiver Selection Guide

1□ What Is a 10G SFP+ Transceiver? The SFP+ (Small Form-factor Pluggable Plus) transceiver is a compact, hot-swappable module used for 10

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

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

Contact Us

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