

# Optical module 20km range 10g single fiber



## Overview

The 10G SFP+ BiDi WDM optical transceiver transmits data over single mode fibre at a distance of up to 20km. This is the Tx1330/Rx1270 (downstream) half of the matched 10GBASE-BX20 pair, deployed against a Tx1270/Rx1330 module at the far end. 3ae 10G Ethernet applications and is available in commercial (0°C to. 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. Trusted by 260K+. TRENDnet's SFP+ Single Mode LC Modules are compatible with standard SFP+ slots found on network switches and fiber converters.



## Article Content

XGSPON ONU SFP+ 1270nm-TX/1577nm-RX 9.953G-TX/9.953G-RX Class N1 20km ...

It functions as an integrated Optical Network Unit (ONU) by embedding a MAC controller and OMCI stack directly into an SFP+ form factor. This allows the module to handle bidirectional data

10G CWDM Single-Mode Optical Module

SFP+ transceiver for CWDM that supports 10G connections up to 20 km using single-mode fiber with a duplex LC UPC connector.

Tp-link optical module is the real king! 20km gigabit single ...

For network administrators stuck with fiber distance limitations, geeks toiling until 3 am with self-built nas setups, and it pros constantly wrestling with loose ports due to repeatedly plugging

Gigabit Ethernet

Other, non-standard higher-powered single-strand optics commonly known as "BiDi" (bi-directional) utilize wavelength pairs in the 1490/1550 nm range, and are

10G SFP+ module SM 20KM 40KM 80KM TX/RX

SFP28 transceiver provides 25GBase-LR throughput up to 10km over single mode fiber (SMF) using a wavelength of 1310nm via an LC duplex connector. Featuring

10G BiDi SFP+ 20km Tx1270/Rx1330 | €16.33 | EDGE Optical Solutions

The EdgeOptic BIDI-10G-SFP-20A is a multi-vendor 10G BiDi SFP+ single-fiber optical module built for long-reach 10 Gigabit Ethernet over single-mode fiber using bidirectional transmission.

How to Choose the Right Fiber Optic Cable for Your Optical

How to Choose the Right Fiber Optic Cable for Your Optical Transceiver Selecting the right optical transceiver is only half of building a reliable fiber network. Many network failures that appear

10G SFP Transceiver | BIDI SFP+ Fiber Optical Module

High-performance 20km BIDI 10G SFP transceiver with dual CDR support for 10G Ethernet. Features 1270nm/1330nm bidirectional optics, industrial/commercial

Cisco SFP Module Compatible 160km 120km 100km 10km 20km

Type Fiber Optic Transceivers Connector Type LC Power Source Dc 12V Use Datacom, Telecom, FTTx, Wireless Network Wireless Lan, 5g, Wired LAN, Wi-Fi Model Number Cisco SFP Module Compatible

Berns gigabit sfp transceiver ✗ Lc photoelectric conversion artifact ...

Have you ever experienced: the network cable in the computer room suddenly breaks in the middle of pulling, and the fiber optic interface does not match and you stare blankly; temporary

1.25Gbps SFP Bi-Directional Transceiver, 20km LC Reach

1.25Gbps SFP Bi-Directional Transceiver, 20KM Reach The SFP-BIDI transceivers are high-performance, cost-effective modules supporting dual data rates of 1.25Gbps/1.0625Gbps and 20KM

10g 20km Sfp Fibre Optic Modules 1330nm 1270nm Single Mode Single Fiber ...

Fiber Optic Transceivers Connector Type LC Power Source other, -1 Use FTTH FTTx FTTB Network Network 5g, 5g Model Number 10GBASE-LR Brand Name Hanwey Place of Origin Guangdong,

10Gb SFP SFP+ Module 20Km | Dual Wavelength

10Gb SFP SFP+ module transceiver optical module is a high-performance 10G SFP+ fiber module designed for 20km bidirectional data transmission over single

Hilink Optics QSFP QSFPDD OSFP 10G SFP

If you have any questions about Hilink Optics CWDM DWDM QSFP QSFPDD OSFP 10G SFP transceivers, we will give the professional solutions to you.

10 Best Fiber Optic Media Converters (May 2026)

Discover the best fiber optic media converters in 2026. Our experts tested 10 top models for reliability, performance, and value. Complete buying

SFP+ BiDi WDM 10GbE 20km Universal Optical

The 10G SFP+ BiDi WDM optical transceiver transmits data over single mode fibre at a distance of up to 20km. The transceiver operates on 1 wavelength and

SFP+ Single Mode LC Module (20km)

Single mode 10G SFP+ transceiver spans distances up to 20km (12.42 mi.) at 10G speeds. Hot-pluggable SFP+ transceiver works with an MSA compliant 10G

Fortinet Transceivers Data Sheet

Take the Guesswork Out of Selecting Transceivers Common connectivity problems in enterprise and data center networks are often traced back to low-quality and incompatible transceiver modules,

Ubiquiti 10G CWDM Single-Mode Optical Module • SFP+ • 10/1GbE •

Product information "Ubiquiti 10G CWDM Single-Mode Optical Module • SFP+ • 10/1GbE • 1270nm • Single Pack • UACC-OM-SFP10-1270" SFP+-Transceiver für CWDM, der 10G-Verbindungen bis zu

Small Form-factor Pluggable

Small Form-factor Pluggable connected to a pair of fiber-optic cables Small Form-factor Pluggable (SFP) is a compact, hot-pluggable network interface module

Fiber Modules

SFP modules support very low EMI and excellent ESD protection. Featuring low power consumption, these fiber modules are ideal for enterprise LAN networks and other optical links. Please select the

Ubiquiti Compatible XGSPON ONU SFP+ 1270nm-TX/1577nm-RX

It utilizes bidirectional transmission over a single-mode optical fiber with an integrated XGSPON MAC and OMCI stack to support full FCAPS management functionality. This module provides a symmetric

OPTICAL MODULES FOR HUAWEI S SERIES SWITCHES

Single-mode optical modules are used with single-mode fibers. Single-mode fibers support a wide band and large transmission capacity, and are used for long-distance transmission.

The Ultimate Guide to SFP Modules (2026): Types,

Confused by SFP vs SFP+? Read the definitive 2026 guide on SFP modules. We explain Single Mode vs Multimode, DDM diagnostics, and how to choose the

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

SFP Optical Transceiver Modules for Long Distance: A Complete

Discover everything you need to know about SFP optical transceiver modules for long-distance fiber transmission. Compare LX, EX, ZX models and choose the right module for your

## Contact Us

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