

Ptn20km optical module



Overview

Ideal for long-range networking distances up to 20km (12.) This single mode fiber SFP+ transceiver supports LC-type duplex connector Single mode fiber SFP+ module compatible with 1310nm wavelength 10G SFP+ supports data rates up to 10. All TRENDnet 10G SFP+. FS compatible SFP+ transceiver supports up to 20km link lengths over single-mode fiber (SMF) via an LC duplex connector. Digital diagnostics functions are available via a 2-wire serial interface, as specified in SFF-8472, to. Integrated circuits and reference designs help you create a smaller and faster optical module design used in high-bandwidth data communication applications. Whether you are creating a 100-Gbps or 400-Gbps, small form-factor pluggable (SFP) module, SFP+ transceiver, XFP module, CFP, X2/XENPAK module. For over 30 years, MACOM has developed and manufactured the fastest, most sensitive and broadest wavelength photoreceivers available. Our experience in leading-edge technology allows us to provide products that easily integrate within customers' systems. The OP5920D-3327 converts a 10Gb/s serial electrical data stream to 10Gb/s optical output signal and a 10Gb/s optical input signal to 10Gb/s serial electrical data streams.



Article Content

Sep 10, 2025

SFP+ Single Mode LC Module (20km)

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

Jul 13, 2025

10G SFP+ BIDI 20km Optical Transceiver PN OP5920D-3327 Product ...

ompliant Applications: 10G Ethernet SDH/SONET Fibre Channel Description: Opway'' OP5920D-3327 is a very compact 10Gb/s optica. transceiver module for serial optical communication applications at

Jul 10, 2025

20km 40km Ttl Optical Transceiver Module Optical Terminal

20km 40km Ttl Optical Transceiver Module Optical Terminal Equipment Drone-Specific, Find Details and Price about Drone Optical Transceiver Module Drone Optical Transceiver from 20km 40km Ttl

Mar 04, 2026

Network Router Optix Ptn 970 Optical Electrical Interface Enterprise ...

Developed by Hua wei, the OptiX PTN 970 is a new generation metropolitan optical transport platform that transmits packets. The OptiX PTN 970 is applied at the access and aggregation layers of a

Jan 31, 2026

10G SFP+ ER 1310nm 40KM

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-performance module

Jan 15, 2026

SFP-10G-LR-1310nm 20km LC DDM Optical Transceiver

What Is SFP-10G-LR-1310nm 20km LC DDM Optical Transceiver Module? SFP-10G-LR-1310nm 20km LC DDM Optical Transceiver Module CISCO, HUAWEI,

Jan 14, 2026

Optical module design resources | TI

View the TI Optical module block diagram, product recommendations, reference designs and start designing.

Jan 15, 2026

1.25G 1310nm 20km SFP Optical Transceiver SPT

Description The SFP transceivers are high performance, cost effective modules supporting dual data-rate of 1.25Gbps/1.0625Gbps and 20km transmission

Aug 27, 2025

Huawei OptiX PTN Series Quick Installation Manual

To help an optical module keep stably running, set the optical power of the optical module at least 3 dBm more than the receiver sensitivity or to a middle value between the receiver sensitivity and

Aug 31, 2025

Choose POTN to Efficiently Improve Your Network Performance

Packet Optical Transport Network (POTN) is a transport network that deeply integrates packet transport and optical transport technologies. Packet Transport Network (PTN) refers to an

Oct 03, 2025

10Gb/s 20km CWDM SFP+ LR Transceiver Module

Buy 10Gb/s CWDM 1270~1430nm 20km SFP+ LR Optical Transceiver from Manufacturer at Affordable Factory Price,5-Year Warranty & Money-back

Nov 10, 2025

QSFP-40G-LR4-20 40GBASE-LR4 QSFP+ 1310nm

The VC-QSFP-40G-LR4-20 is a transceiver module designed for 20Km optical communication applications. The design is compliant to 40GBASE-LR4 of the

Dec 29, 2025

The Most Comprehensive Guide Of Optical Modules

Explore the ultimate guide to optical modules. Learn types, functions, performance metrics & how to choose the right module for your fiber network.

Sep 13, 2025

Huawei SFP-GE-LX-SM1490-BIDI 10km Single Fiber

Huawei OptiX PTN 905B SFP module with BiDi transceiver, 1.25Gb/s, LC connector, 10km range. Ideal for high-speed networking.

Nov 26, 2025

FS 10G CWDM SFP+ Transceiver Module 1310nm 20km

Use the Compatibility Tool to verify FS transceiver compatibility with your device and access test reports. FS compatible SFP+ transceiver supports up to 20km link lengths over single-mode fiber

Nov 15, 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.

Aug 21, 2025

1.25G 1310nm 20km 1x9 SC/ST/FC Optical Transceiver

1.25G Single Mode 1x9 Optical Transceiver Module (SMF, 1310nm, 20km, SC/ST/FC, 3.3V/5V) The OPT1250-3120xxCR series are high-performance and

Aug 13, 2025

Optical SFP Transceiver Module

Description The SFP transceivers are high performance, cost effective modules supporting data-rate of 1.25Gbps and 20km transmission distance with SMF. The

Oct 29, 2025

XGSPON ONU SFP+ 1270/1577nm 20km Optical Transceiver

XGSPON ONU SFP+ 1270/1577nm 20km Optical Transceiver GNUP-2555S-R3CDH/GNUP-2555S-R3TDH GNUP-2555S-S3CDH/GNUP-2555S-S3TDH Product Features Support XGSPON 20km

Jul 11, 2025

Product Catalog PacketLight

The PL-1000TE/PL-1000TE Crypto allows easy upgrade or expansion of the required services by simply adding pluggable optic modules (SFP/SFP+) into the available slots or by implementing

Dec 31, 2025

Dahua, Gigabit Optical Module, Transmission distance up to 20 km,

Features: Single mode single fiber LC port | 1310 nm sending, and 1550 nm receiving | Transmission distance up to 20 km |

Jan 21, 2026

10G SFP+ LR20 SMF 1310nm 20km Transceiver

Featuring a built-in Semtec/Macom chip and reliable DFB laser from global leaders, the 10G SFP+ LR20 module delivers low power consumption and stable optical

Jun 13, 2026

10G ZR 120KM SFP+ Optical Transceiver

10G ZR SFP+ optical transceiver module, support 10Gb/s and up to 120km transmission, It works in high-speed IDC connection solutions, 5G network front

Jun 21, 2026

FiberHome OTN Solution: NG-WDM & NG-SDH Products

Explore FiberHome's Optical Transport Network (OTN) solution, including NG-WDM, NG-SDH products, and network management tools. Learn about market

Dec 14, 2025

10G SFP+ LR 20km

> Home > Product > Optical Transceivers > 10G/25G Optical Transceivers > 10G SFP+ LR 20km

Feb 15, 2026

High Speed Optical Receiver Modules

High Speed Optical Receiver Module Markets Test & Measurement RF-over-Fiber Free Space Optics Aerospace & Defense Featured High Speed Optical Receiver

Dec 20, 2025

Hirschmann PTN-2-OLS: AI Chat & PDF Access | Manualzz

Get the Hirschmann PTN-2-OLS with E1/T1 Interface Module user manual. AI Chat for quick answers + PDF download for offline access. Learn about features & setup!

Dec 20, 2025

SFP+10G 1310nm 10Km LC Optical Module Guide

Understanding SFP+ optical modules and their different types helps in selecting the right transceiver for your network needs. The detailed specifications and

Oct 06, 2025

Optics and Transceivers | Fiber Optical Transceivers

FS offers a growing portfolio of optical transceivers, with speed range from 100M, 1G, 10G, 25G, 40G, 50G, 100G, 200G, 400G to 800G and beyond. The fiber optic

Aug 16, 2025

Single Fiber 20 km SFP+ Optical Transceiver: PLANET MTB-LA20

PLANET MTB-LA20 is SFP+ Single Fiber Transceiver supporting 1.25-10.31 Gbps data rate in 20 km distance over Single-Mode Fiber (SMF).

Contact Us

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

Website: <https://www.regen-power.co.za>

Email: info@regen-power.co.za

Phone: +49 176 845 2036

Address: Taunusanlage 15, 60325 Frankfurt am Main, Germany

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