

120km optical module parameters



Overview

The SFP transceivers are high performance, cost effective modules supporting data rate of 1.25Gbps and 120km transmission distance with SMF. The transceiver consists of three sections: a DFB laser transmitter, a PIN photodiode integrated with a trans-impedance preamplifier (TIA) and. The 120km SFP optical module has emerged as a cornerstone technology for these requirements, enabling high-performance connectivity across significant geographic spans without the need for costly intermediate amplification or repeaters. Whether supporting metropolitan area networks (MANs) or remote. We offer both the DWDM-100G-Q28-120 and the DWDM2-100G-Q28-80, and we also frequently get a lot of questions regarding these modules, their differences, and their specifications. DWDM-QSFP-DD-120KM is designed for 400ZR type 1 (code 0x01) in amplified applications and type 2 (code 0x02) in unamplified. Our 10G Base ZR+ 120km Compatible SFP+ transceiver delivers maximum reach with exceptional 28 dB link budget and 2400 ps/nm dispersion tolerance. Operating at 1550nm wavelength over 120km single-mode fiber, this 10G Base ZR+ module provides industry-leading distance performance. It provides a wide range of Interface Type, including LC, SC and FC, suitable for both Data Center and Telecom applications.



Article Content

10G Base ZR+ SFP+ 120km | 1550nm | 28dB Link Budget

Our 10G Base ZR+ 120km Compatible SFP+ transceiver delivers maximum reach

What is an SFP Optical Module? The Complete Guide to

The complete technical guide to SFP optical modules (SFP, SFP+, SFP28). Understand the core function, compare data rates (1G to 25G), learn

120km SFP Sourcing: Critical Factors for Long-Haul Fiber

? Key Technical Specifications of 120km SFP A 120km SFP is far more than a standard optical module — it's a purpose-built component designed to push signals across distances where attenuation and

SFP1G-EZX-55 120km

The SFP1G-EZX-55 series single-mode transceiver is small form factor pluggable module for serial optical data communications such as Gigabit Ethernet 1000BASE-ZX and Fiber Channel 1x SM-LC-L

10G XFP DWDM 100GHz C21-C61 120km Optical Transceivers

The module, clip and connector dimensions are constant for all applications. While the bezel, cage assembly, EMI gasket and heat sink can be designed and/or adjusted for the individual application.

10GBASE-ZR SFP+ 1550nm 120km Transceiver Module

10GBASE-ZR SFP+ Transceiver Module (SMF, 1550nm, 120km, LC, DOM) Part Number SFP-10G-ZR120 Vendor Name Opticswave Form Factor SFP+ Max

10G SFP+ EZR, 1550nm, 120km, DDM, LC/UPC

With this Mini-Gbic you will be able to carry out installations up to 120km away using Single Mode optical fiber (SMF) using two fibers through fused cables and optical

SFP-GE-LH120-SM 1550 1.25G 120km Optical Transceiver

SFP-GE-LH120-SM 1550 1.25G 1550nm 120km Transceiver CISCO, HUAWEI, H3C, Juniper, D-link, HP, IBM, dell, Mikrotik, Aruba, Quidway Compatible The SFP

10G ZR 120KM SFP+ Optical Transceiver

10G ZR 120km SFP+ Transceiver Hot Pluggable, Duplex LC, +3.3V, 1550nm CML& APD, Single mode FIBERWDM's SFP+ 10G ZR 120KM RSPD-10GS120

Asterfusion 400G QSFP-DD ZR4 Duplex LC SMF 80-120km Optical

Overview The Asterfusion QSFP-DD 400G ZR4 optical transceiver module is designed for 400 Gigabit Ethernet applications and long-distance data transmission. It supports amplified DWDM DCI

10G XFP DWDM 100GHz C21-C61 120km Optical Transceivers

Gigalight XFP transceiver provides an enhanced monitoring interface, which allows real-time access to device operating parameters such as transceiver temperature, laser bias current, transmitted optical

Product Specification SFP DWDM 1G 120km LC

Multi-Source Agreement (MSA) and SFF-8472. It offer a simple and convenient way to interface PCBs to single mode fiber optic cables in Dense Wavelength Division Multiplexing (DWDM) applications. It is

How to Use 10G SFP+ Long-distance SFP Module?

There are many kinds of 10G SFP + optical transceivers in the market, some optical transceivers can transmit 80km, and some others can

1.25G SFP 120km Single Mode Transceiver specification

Description The SFP transceivers are high performance, cost effective modules supporting data rate of 1.25Gbps and 120km transmission distance with SMF. The transceiver consists of three sections: a

400G Coherent Optics Guide: ZR, ZR+ & MZR Comparison

Master 400G coherent optics with our comprehensive guide covering ZR, ZR+, MZR variants, reach capabilities, power consumption & deployment

400ZR Coherent QSFP-DD Optical Transceiver Module

Typical Application DWDM-QSFP-DD-120KM is intended to be used in conjunction with a host platform to support 400G transmission over optical links in DCI applications, below is the reference diagram.

100G DWDM QSFP28 80 vs 120: Complete Comparison

Compare 100G DWDM QSFP28 80km vs 120km modules. Learn differences in optical budget, power, DCM requirements, and best applications.

1G SFP BiDi CWDM 120km Optical Transceivers

The SFP transceivers are high performance, cost effective modules supporting data-rate of 1.25Gbps and 120km transmission distance with one SMF. The transceiver consists of three sections: a CWDM

1.25Gbps CWDM SFP Optical Transceiver 120km

1.25Gbps CWDM SFP optical transceiver is a small form-factor pluggable (SFP) module that provides a high-speed data link over single-mode fiber (SMF) cable.

The Strength Of Long Distance Transmission: 10G SFP+ ZR 120KM Optical ...

10G SFP+ dual-fiber optical module is an optical communication device widely used in 10G Ethernet, Fiber Channel and SDH/SONET network environments. It adopts SFP+ (Small Form

SFP BIDI, 1.25Gbps, TX-1550nm, RX-1490nm, SMF, 120KM

All our SFP BIDI, 1.25Gbps, TX-1550nm, RX-1490nm, SMF, 120KM fiber optic transceiver modules come with an industry leading Lifetime warranty. Every SFP-GE-5549-120KM module is

120km SFP Sourcing: Critical Factors for Long-Haul Fiber

To give a sense of the key parameters involved, the table below outlines the typical specifications you'll encounter when evaluating 120km fiber optic SFP module.

Huawei SFP Optical Fiber Module

With our SPA Optical Transceiver Module, you can reach high speeds up to 10km/ 20km/ 40km/ 80km/ 120km/ 150km. With our advanced technology, your Huawei SFP Module can transfer data with

1.25G SFP 120km Transceiver | Ultra Long-Haul

EDGEOPTIC 1.25G SFP 120km transceiver: 120km single-mode fiber, 1550nm wavelength, 32dB link budget, 100Mbps-1.25Gbps. Ultra-long-haul solution.

Syrotech SFP 1.25G 120KM BiDi Single Mode Fiber

BIDI-1.25G-SFP-120-BD SFP Single Fiber optical transceiver is multi-purpose module used in number of different places of today's networking. Consequently,

1.25Gb/s 120km CWDM SFP EZX Transceiver Module

Buy 1.25Gb/s CWDM 1270~1610nm 120km SFP EZX Optical Transceiver from Manufacturer at Affordable Factory Price, 5-Year Warranty & Money-back Guarantee.

Contact Us

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