

Guatemala Single-Fiber Bidirectional 10G



Overview

Wavelength: 1310-nm; Reach: up to 10 km. Fiber Type: Dual LC single-mode fiber. We are a professional manufacturer and accept customized orders. Enter the 10G BiDi (bidirectional) SFP+ module—an elegant solution that enables full-duplex communication over a single fiber strand using wavelength division multiplexing (WDM). This guide takes a deep dive into how the 10G BiDi SFP+ supports fiber savings, lessens complexity. SFP+ BiDi 10G is a 10-gigabit optical transceiver technology designed to transmit and receive data over a single strand of single-mode fiber, making it an efficient solution for modern fiber-constrained networks. 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 compatible with 10G CPRI, Synchronous Optical Networks (SONET OC-192 / SDH STM-64), and 10G Fibre Channel, with transmission distances ranging from. Bi-Directional SFP+ transceivers use a single strand of fiber to transmit and receive data. The BiDi transceivers are also known as.



Article Content

Guide to 10G BiDi SFP+ Optical Transceivers Modules 2025

How does the Fibrecross 10G BiDi SFP+ module provide 10Gb/s speed through single-mode fiber and support a transmission distance of up to 80 kilometers.

Genuine Cisco SFP-10G-BXD-I

A SFP-10G-BXD-I device is always connected to a SFP-10G-BXU-I device with a single strand of standard SMF with an operating transmission range up to 10 km.

What is 10G BIDI SFP+ Single-fiber Bidirectional ?

10G BIDI SFP+ optical module is packaged in SFP+, with a transmission rate of 10G, LC simplex interface, and a transmission distance of up to 80 kilometers when used with single-mode

10G Bidi SFP+ Modules Selection Guide

Bidirectional (Bidi) optical modules are the ingenious solution, allowing data transmission and reception over a single fiber strand. This guide cuts

10Gtek 10GBase-LR SFP+ Transceiver, 10G | Precio Guatemala | Kémik

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Ipolex Sfp 10gbase Lr Singlemode Module 10g Sfp Lc 1310nm

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10G BiDi SFP+ Modules: A Guide to Single-Fiber 10G

Explore how 10G BiDi SFP+ modules enable high-speed, bidirectional data over a single fiber, cutting costs, saving fiber, and simplifying network deployment.

SFP+ 10G transceivers BiDirectional, 10Km to 60Km range

This category includes all types of SFP+ 10G transceivers for 10G rate data connections over one strand of SMF, BiDirectional operation (two wavelengths on same fiber).

UFiber Módulo SFP+ 10G, transceptor MiniGibic MonoModo 10 Gbps ...

Para asegurar un rendimiento óptimo: Encuentra UFiber Módulo SFP+ 10G, transceptor MiniGibic MonoModo 10 Gbps, distancia 10 km, conectores LC, 2 hilos (duplex), paquete de 2 piezas y mucho

Learn About 10G BiDi SFP+ Optical Transceivers | Carritech Optics

As the demand for high-speed and efficient data transmission grows, 10G BiDi SFP+ (Bidirectional Small Form-factor Pluggable Plus) optical transceivers have emerged as an innovative

SFP-10G-BXU1

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

10Gtek a Pair of 10G SFP+ Bidi Transceiver, LC Single

It is widely used in fiber, switches, routers, NIC, server or other fiber optic equipments with 10G SFP+ ports for plug and play, support fully hot

10G Gigabit Single Mode SFP+ LC Module, 10G 1310nm SMF, up to

10GBase-LR SFP+: 10 Gigabit Ethernet Single mode SFP+ Module, 10 Gb/s, 1310nm wavelength, Duplex Dual LC, SMF, operates on Single-mode (OS2/OS3) LC fiber cable spans of up to 10km (6.2

10GBase-LR SFP+ Transceiver, 10G 1310nm SMF, up to 10 km,

Data Rate: 10G. Wavelength: 1310-nm; Reach: up to 10 km per Type: Dual LC single-mode fiber compatible with Mellanox MFM1T02A-LR. We are a professional manufacturer and accept

10G BiDi XFP 10km Side A | Single Fiber | EDGE OPTIC

10G BiDi XFP Side A: 1270/1330nm, 10km single fiber, 8dB budget. Cost-effective WDM solution, multi-rate 1.24-11.32 Gbps. Pair with Side B.

SFP-1100-WB SFP+ 10G BiDirectional Optical Module

The SFP-1100-WB is a BiDirectional single fiber strand 10G SFP+ optical module using Tx:1550nm and Rx:1490nm wavelengths and supporting links up to 100Km

Everything You Need to Know About 10G Duplex XFP Optical

In the fast-paced world of networking, 10G Duplex XFP (10-Gigabit Small Form-factor Pluggable Extended) optical transceivers are critical components for enabling high-speed, long

Comprehensive Guide to SFP BiDi 10G 40km Modules: Selection ...

Discover Link-PP's reliable and compatible SFP BiDi 10G 40km modules for high-speed, cost-effective single-fiber 10G networks. Learn about selection tips, wavelength pairing, installation

10G Bidirectional SFP Transceiver with 80 km Range -

This bidirectional SFP transceiver delivers up to 10 Gb/s over 80 km, featuring dual wavelengths and robust performance in various environments.

Comprehensive Guide to FS 10G BiDi SFP Modules

10G BiDi SFP+ modules utilize a unique optical mechanism that enables full-duplex data transmission over a single strand of single-mode fiber (SMF). This is achieved using two different

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.

SFP+ BiDi 10G Guide: Single Fiber 10G Optical Transceivers

Learn what SFP+ BiDi 10G is, how single-fiber 10G transceivers work, key specs, use cases, and how to choose the right BiDi module.

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 right

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

SFP-10G-BXD1 (Single-Fiber-Bidirectional Module)

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

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