

Indonesia Single-Fiber Bidirectional 10G



Overview

10GBASE-BIDI Bidirectional SFP+ to single LC Optical transceiver module, Single Mode, Wave length: Up: TX1270nm/RX1330nm; Down: TX1330nm/RX1270nm, DDM, up to 20km over single LC. Wide Compatibility - Compatible for Cisco SFP-10G-BX20D-I/SFP-10G-BX20U-I, Ubiquiti UniFi UACC-OM-SM-10G-S-2, Mikrotik. The Cisco® 10GBASE SFP+ modules (Figure 1) give you a wide variety of 10 Gigabit Ethernet connectivity options for data center, enterprise wiring closet, and service provider transport applications. Cisco SFP+ modules offer the following features and benefits. This 10G BiDi SFP+ transceiver, featured with data transmission over a single strand of fiber, the one transceiver transmits a 1270-nm channel and receives a 1330-nm signal, whereas the other BiDi SFP+ optics. Supports the single-fiber bidirectional function. Single-fiber bidirectional (BIDI) optical modules must be used in pairs. A switch running. The SFP BiDi 10G 40km module offers a powerful solution by enabling 10 Gbps full-duplex communication over a single strand of single-mode fiber (SMF) for distances up to 40 kilometers. This technology significantly reduces fiber cabling costs and complexity compared to traditional dual-fiber. While both are compact fiber optic modules for switches and routers, BiDi SFPs uniquely enable bidirectional data transmission over a single fiber strand using Wavelength Division Multiplexing (WDM), contrasting with standard SFP modules requiring two fibers.

Article Content

Ubiquiti 10 Gbps UACC-OM-SM-10G-S-2 | Cendirect Canada

Single-mode, simplex, fiber transceiver module. The 10 Gbps Bidirectional Single-mode Optical Module is a simplex transceiver that delivers up to 10 Gbps speed over distances up to 10 kilometers. Features:

SFP+ 10G » SFP+ 10G Bidirectional » AISFP 10G

Up to 80km transmission on SMF BIDI LC optical connector Single +3.3V power supply Metal enclosure, for lower EMI Maximum power consumption 1.8W

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+ BIDI 10G 20KM Single Mode Fiber SM 1270nm

Beli SFP+ BIDI 10G 20KM Single Mode Fiber SM 1270nm + 1330nm LC DDM WDM Cisco Huawei Mikrotik 10Gbps Compatible 10gb/s Sepasang Pair SFP Fiber Optic Transceiver Singlemode SM 1

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

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

Whether you are evaluating BiDi optics for a new 10G deployment or upgrading an existing network, this article will help you determine when SFP+ BiDi 10G is the right choice—and how to select the correct

SFP Module 10Gb BiDi - 10G Bidirectional SFP

SFP Module 10Gb BiDi - 10G Bidirectional SFP+ Transceiver PERHATIAN: Harap pastikan pesanan sudah sesuai sebelum checkout. Pesanan tidak dapat

SFP-10G-ER-SM1270-BIDI

Supports the single-fiber bidirectional function. Single-fiber bidirectional (BIDI) optical modules must be used in pairs. For example, SFP-10G-ER-SM1270-BIDI must be used with SFP-10G-ER-SM1330

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.

The Complete Guide to BiDi Transceiver

BiDi variants are also available in the XFP form factor for 10G. The 25G BiDi transceiver provides 25GBase-BX throughput up to 40km over single

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

What is the Difference Between SFP and BiDi SFP?

While both are compact fiber optic modules for switches and routers, BiDi SFPs uniquely enable bidirectional data transmission over a single fiber

10Gbps bidirectional transmission GPON network

We proposed and demonstrated a bidirectional GPON architecture supporting 10Gbps data transmission through single fiber cable network. Data is

Cisco 10GBASE SFP+ Modules Data Sheet

It supports link lengths of up to about 80 kilometers on standard Single-Mode Fiber (SMF, G.652). This interface is not specified as part of the 10 Gigabit Ethernet standard and is instead built according to

Cisco 10GBASE SFP Modules Data Sheet

Cisco SFP-10G-BX40D-I and SFP-10G-BX40U-I (for 40Km Single-Fiber Bidirectional Applications) The Cisco SFP-10G-BX40D-I and SFP-10G-BX40U-I SFPs operate on a single strand of standard SMF.

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.

SFP+ 10G » SFP+ 10G Bidirectional » AISFP 10G

Up to 11.1Gb/s data rate 1490nm DFB laser and APD receiver/transmitter 1550nm DFB laser and APD receiver/transmitter 2-wire interface with integrated Digital

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.

FS SFP-10G-BX: High-Performance Long-Distance

Compared with traditional duplex LC modules, the SFP-10G-BX transmits bidirectional signals over a single fiber via a Simplex LC connector.

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

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

SFP+ BiDi 10G is a proven and efficient solution for delivering 10-gigabit connectivity over a single strand of single-mode fiber. By using bidirectional wavelength transmission, it helps organizations

Mikrobits SFP-1G-BD-SM-10KM SFP Bidirectional 1G

Beli Mikrobits SFP-1G-BD-SM-10KM SFP Bidirectional 1G Singlemode (1 pair) Terbaru Harga Murah di Shopee. Ada Gratis Ongkir, Promo COD, & Cashback.

SFP+ 10G BiDirectional optical module, single strand

The SFP-1020-WB is a BiDirectional single fiber strand 10G SFP+ optical module using Tx:1330nm and Rx:1270nm wavelengths. The transceiver supports all

10G BIDI XFP Optical Transceivers Explained | Carritech Optics

10G BIDI XFP optical transceivers are compact, hot-pluggable modules that enable 10Gbps bidirectional communication over a single optical fiber. They achieve this by transmitting and

SFP Module 10Gb BiDi - 10G Bidirectional SFP

Ref Group berdiri sejak 2014, berpengalaman dalam penjualan server refurbished dan komponen. Kami bermitra dengan brand global seperti Dell, HPE,

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 single fiber - Alphabridge - Network Infrastructure for India's ...

Overview The Alpha Bridge Technologies 10G Single Fiber SFP (Small Form-factor Pluggable) module is designed to meet the ever-growing demand for high-speed data transmission. Our 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

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.

Apa itu 10G BiDi SFP+ Single-fiber Bidirectional?

Ketika ingin memaksimalkan infrastruktur fiber sambil mempertahankan throughput data yang tinggi, 10G BiDi SFP+ serat tunggal dua arah Transceiver adalah terobosan baru.

Jual Sfp Single Mode 10G Murah & Terbaik

Beli aneka produk Sfp Single Mode 10G online terlengkap dengan mudah, cepat & aman di Tokopedia. Kamu bisa menemukan toko penjual Sfp Single Mode 10G terdekat dari lokasi kamu sekarang.

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

Contact Us

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

Website: <https://saastisfy.fr>

Email: sales@saastisfy.fr

Phone: +33 6 52 81 47 39

Address: 75 Rue de Rivoli, 75001 Paris, France

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