



Syropy AI Connectivity

Certified Single-Fiber Bidirectional 10G



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10G BiDi SFP+ Modules Selection Guide

Choose the right 10G BiDi SFP+ Modules by checking compatibility, distance, wavelength pairing, and reliability for optimal network performance.



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

This guide takes a deep dive into how the 10G BiDi SFP+ supports fiber savings, lessens complexity in deployment, and reduces costs to you and your customers.

Comprehensive Guide to FS 10G BiDi SFP Modules

FS 10G BiDi SFP+ modules are a powerful tool for network engineers seeking to boost bandwidth without doubling fiber investment. With their compact form factor, reduced power draw,



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. This

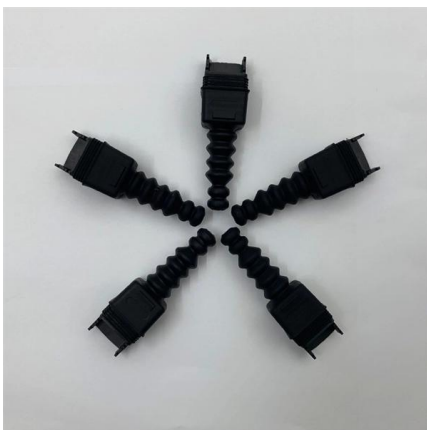


10G Simplex Bidirectional SFP+ Module , Single Fiber WDM

The 10G SFP+ simplex bidirectional module delivers 12.5Gbps data rates over single mode SMF, reducing fiber infrastructure costs by 50% compared to duplex solutions.

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-BXD-I

The Cisco SFP-10G-BXD-I is a Small Form-Factor Pluggable (SFP) transceiver module manufactured by Cisco Systems. It is designed for use in high-speed



Cisco SFP-10G-BXU-I Datasheet

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. The communication over a single



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 Update Date:2019-05-16

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.

Pre-Terminated Patch Panel

- Standard 19" width
- Max 144 fibers in 1U
- Ultra-High Density Ready



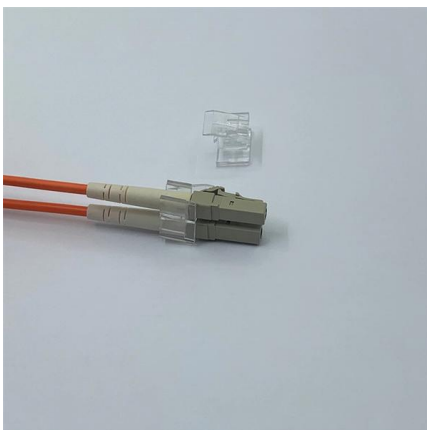
Dual-rod, easy install & maintain



Lightweight ABS SFP+ cassette



Premium sheet metal with multi coating



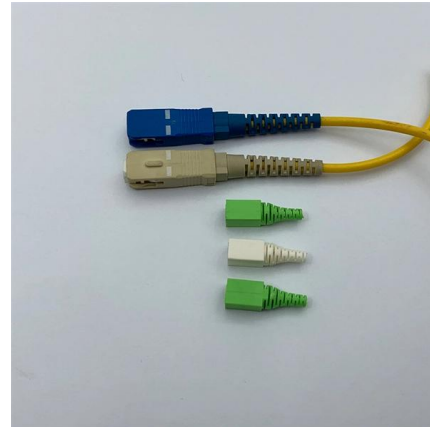
SFP+ BiDi 10G Guide: Single Fiber 10G Optical Transceivers

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



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.



BiDi SFP Modules: Single-Fiber Bidirectional Guide

BiDi SFP modules use a single fiber strand for both transmitting and receiving data. Learn how single-fiber bidirectional technology works, wavelength pairs, and when to choose BiDi over standard

SFP+ 10G BiDi Tx1330/Rx1270nm 60KM

The SFP+ BiDi 10G LR (Bidirectional Long-Range) Tx1330/Rx1270nm Optical Transceiver Module is a high-performance, single-fiber solution designed for long-range data communication and networking



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



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



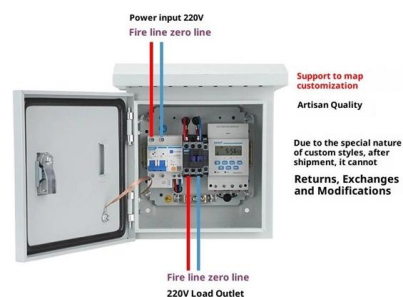
SFP+ BiDi 10G Guide: Single Fiber 10G Optical Transceivers

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

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

Product Wiring Diagram



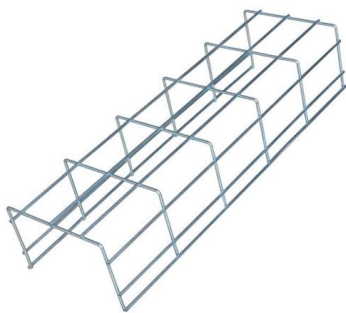
10G BiDi SFP+ 10km , Tx1330/Rx1270 , Single Fiber Compatible

Paired with 10A variant for bidirectional operation, this 10G BiDi module delivers 6.2 dB link budget over 10km single-mode fiber. Supporting multi-rate transmission from 1.25 to 11.32 Gbps with LC/UPC



UF-SM-10G U Fiber Single-Mode SFP 10G 2 Pack by

Deploy a BiDi (BiDirectional) model, UF-SM-1G-S or UF-SM-10G-S, to maximize re-use of existing infrastructure. You must deploy a BiDi model as a paired set of



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

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 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



UniFi 10G Bidirectional Single-Mode Optical Module

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



RoHS-6 Compliant 10Gb/s 10km Single Mode Bidirectional SFP

gabit Ethernet links up to 10km over a single-strand Single Mode fiber. This capability doubles the capacity of installed legacy single mode fiber links. They are compliant with SFF-8431 and IEEE

10G BiDi SFP+ 40km , Tx1270/Rx1330 , Single Fiber Compatible

Compatible 10G BiDi SFP+ for 40km single fiber. Tx1270/Rx1330nm, 16dB budget, 50% fiber savings. Works with 80+ brands.



Contact Us

For datasheets, pricing, or custom high-speed optical interconnect solutions, please visit:
<https://www.syropy.com.pl>