

Compatible SFP Single-Fiber Bidirectional Lebanese Supplier



AI Overview

OptiLink and TradeKey are reliable Lebanese suppliers for SFP single-fiber bidirectional (BiDi) modules compatible with Cisco, Huawei, and MikroTik. OptiLink – Lebanese Regional Supplier OptiLink is a leading supplier in Lebanon for optical transceivers, including SFP, SFP+, QSFP28, and GPON modules. They offer single-fiber bidirectional (BiDi) SFP modules that are tested and certified for compatibility with major brands such as Cisco, Huawei, and MikroTik. Key features include: Plug-and-play modules pre-coded for brand compatibility Local stock and fast delivery within Lebanon Support for ISPs, data centers, and enterprise networks Modules undergo multi-stage factory testing for signal integrity, temperature tolerance, and DDM accuracy OptiLink's BiDi modules use Wavelength Division Multiplexing (WDM) to enable full-duplex communication over a single strand of single-mode fiber, reducing fiber usage by 50% and simplifying infrastructure planning. TradeKey – Bulk Fiber Optic Modules TradeKey lists SFP optical transceivers available in Lebanon, including single-fiber BiDi modules suitable for Fast Ethernet and higher-speed links. Features include: Hot-swappable SFP units with SC optical receptacles 1310nm FP / 1550nm DFB laser transmitters and PIN photodiode receivers Transmission distances ranging from 15 km to 80 km over single-mode fiber Power supply: +3.3V / +5V DC operation These modules are suitable for 100Base Fast Ethernet, SDH/STM-1, SONET/OC-3, ATM, and FDDI links, making them versatile for various network deployments. Technical Considerations When selecting a BiDi SFP module in Lebanon: Ensure wavelength pairing matches the counterpart module (e.g., 1310nm Tx / 1550nm Rx) Verify distance requirements for your fiber link Confirm brand compatibility with your switches or routers Check for Digital Optical Monitoring (DO...

Article Content

Amazon : Bidi Gigabit Single-Mode Fiber Ethernet Media

About this item PAIR OF BIDI MEDIA CONVERTERS: Includes two Gigabit Single-Mode Fiber Ethernet Media Converters with 2 Bidi SFP LC transceiver modules included.
WIDE COMPATIBILITY:

1000BASE-SX vs 1000BASE-LX, EX, ZX & BX SFP Guide

Single-Fiber BiDi SFP Explained 1000BASE-BX is a bidirectional Gigabit Ethernet SFP type designed to transmit and receive over one strand of single mode fiber. Unlike standard duplex

GPON OLT Class C++ Brand New Compatible SFP Modules 1.25G

Standard SFP MSA package, SC/UPC single fiber bidirectional connector Built-in DDM digital diagnostic monitor, real-time monitor optical power, temperature & voltage Stable burst-mode laser transmitter,

Cisco SFP Modules for Gigabit Ethernet Applications Data Sheet

This data sheet describes the benefits, specifications, and ordering information for the Cisco SFP Modules for Gigabit Ethernet Applications.

SFP modules – transceivers for 1/2/4G fibre channel

1G Ethernet and FC SFP – Gigabit Ethernet (GbE) and 1G FC SFP transceivers for cost-effective optical networking, available in both single-mode and multimode variants. BiDi (Bidirectional) SFP – Single

Cisco SFP Modules for Gigabit Ethernet Applications

The 1000BASE-LX/LH SFP, compatible with the IEEE 802.3z 1000BASE-LX standard, operates on standard single-mode fiber-optic link spans of up to 10 km and up to 550 m on any multimode fibers.

SFP & SFP+ Modules — Buy 1G/10G/40G/100G in Lebanon

All SFP modules at HI-GAIN are tested for compatibility with MikroTik and Ubiquiti equipment. We carry both LC and SC connector variants to match your existing fiber infrastructure.

Fortinet Transceivers Data Sheet

Fortinet's transceivers have been purpose-built and tested to work with Fortinet equipment, ensuring that your network is as stable and robust as possible, and taking the guesswork out of selecting

Optical Modules for Huawei S Series Switches

What Is a Single-Fiber Bidirectional Optical Module? A single-fiber bidirectional optical module uses one optical fiber to transmit and receive signals, and the transmit and receive wavelengths must match.

SFP modules – transceivers for 1/2/4G fibre channel

BiDi (Bidirectional) SFP – Single-fiber SFP modules for FTTH and fiber-efficient networking, allowing both transmit and receive signals to travel over a single

Cisco SFP Modules for Gigabit Ethernet Applications

1000BASE-BX10-D and 1000BASE-BX10-U SFP for single-fiber bidirectional applications The 1000BASE-BX-D and 1000BASE-BX-U SFPs, compatible with the IEEE 802.3ah 1000BASE-BX10-D

Lantronix Simplex SFP Modules | Single-Fiber BiDi,

Lantronix's Simplex SFP Transceiver modules offer an efficient, single-fiber approach to fiber connectivity, enabling bidirectional data transmission over one

Cisco SFP Modules for Gigabit Ethernet Applications

No attenuator is needed in any fiber strand. 1000BASE-BX10-D and 1000BASE-BX10-U SFP for single-fiber bidirectional applications The 1000BASE

Bidirectional SFP Modules/Transceivers

We manufacture a range of bidirectional SFP transceivers for applications supporting data transfer rates of 10/100/1000Mbps, 100Mbps, 1000Mbps, and 10Gbps. They are compatible with standard SFP

10Gtek a Pair of 10G SFP+ Bidi Transceiver, LC Single-Mode Single Fiber ...

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

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.

10G SFP+ Transceiver, -T, LR, SR, Bidi, CWDM, DWDM

10G SFP+ transceivers are compliant with IEEE802.3ae, SFF-8083, SFF-8472 and SFF-8431, SFF-8461, with features of Low Power Consumption. They are designed for applications of Data Centers,

BiDi Transceivers — Single-Fiber Bidirectional Optical Modules ...

BiDi bidirectional optical transceivers for single-fiber connectivity. SFP, SFP+, SFP28, QSFP+, XFP form factors. Save 50% on fiber costs. OptiLink — Lebanon & Middle East.

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,

SFP Modules: The Unsung Heroes of Modern Networks

SFP BY CONNECTION TYPE SFP-SX — Multimode fiber, short range (up to 550m), used for short data center/campus links SFP-LX — Single-mode fiber, long range (up to 10km), ideal for building-to ...

Bidirectional or BiDi Transceivers Explained

Bidirectional (BiDi) transceivers are SFP transceivers that are able to send and receive data on the same fiber. Without BiDi, data can only travel in one direction on a single fiber, meaning each

FTTH Equipment Guide for Lebanese ISPs — 2026 | HI-GAIN

Complete FTTH equipment guide for Lebanon. OLT, ONU, SFP modules, fiber patch cords, and splitter selection for ISPs deploying fiber-to-the-home networks.

SFP Optical Transceiver Products | Syrotech Networks

Syrotech Networks is market leader in manufacturing and supplier of sfp module, optical transceiver, sfp port, sfp optical transceivers, fiber sfp.

Contact Us

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