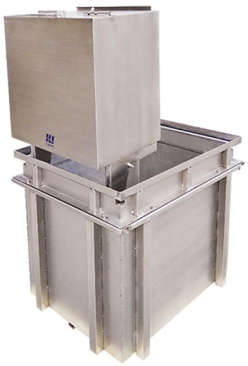
OEM Single Fiber Bidirectional 1G



Overview

SFP transceiver that supports 1G connections up to 3 km using single-mode fiber with a simplex LC UPC connector. Power Consumption CLASS 1 LASER PRODUCT, IEC/EN 60825-1:2014 Do not look into the ends of the fiber optic cable or SFP module while. The industry-standard Cisco Small Form-Factor Pluggable (SFP) Gigabit Interface Converter (Figure 1) links your switches and routers to the network. The hot-swappable input/output device plugs into a Gigabit Ethernet port or slot. Optical and copper models can be used on a wide variety of Cisco. FS gigabit ethernet transceiver solutions provide fibre or copper options including 1000BASE-SX, 1000BASE-LX/LH, 1000BASE-T etc., from 100m to 160km, for 1G switches, routers, servers, NICs and other transmission equipment. Click to get your 1GBE transceiver modules from nearby warehouses. Our comprehensive range includes 1. By transmitting and receiving signals over a single strand of fiber using different wavelengths, BiDi technology effectively doubles your existing fiber capacity.

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Article Content

Cisco SFP Modules for Gigabit Ethernet Applications

2-Channel 1000BASE-BX10-D for single-fiber bidirectional applications The 2-channel 1000BASE-BX-D SFP module, also known as

1G SFP Transceivers | Mini-GBIC SFP Modules

FS gigabit ethernet transceiver solutions provide fibre or copper options including 1000BASE-SX, 1000BASE-LX/LH, 1000BASE-T etc., from 100m to 160km, for 1G switches, routers, servers, NICs

1G Bidirectional Single-Mode Optical Module

SFP transceiver that supports 1G connections up to 3 km using single-mode fiber with a simplex LC UPC connector.

SFP Transceivers | 1G, CWDM, DWDM, BiDi | EDGE Optical Solutions

Single-fiber bidirectional Gigabit SFP modules with SC connector interface for legacy equipment compatibility. Offered in matched wavelength pairs covering 3km to 40km distances, ideal for

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.

1G BiDi SFP Module Selection Guide: Maximize Fiber

Choose the right 1G BIDI sfp module by checking compatibility, wavelength pairing, fiber type, and distance to ensure reliable network performance.

1G BiDi SFP Transceivers – Bi-Directional Compatible Optical

LINK-PP 1G BiDi SFP modules deliver reliable bidirectional Gigabit Ethernet connectivity over a single fiber strand, reducing cabling costs and simplifying network deployment.

Single Fiber Bidirectional SFP Transceivers

Single Fiber Bidirectional SFP transceivers use simplex single-mode fiber to double the bandwidth, data rates up to 4G and distances up to 160km.

1G BiDi SFP

GIGALIGHT''s 1G BiDi SFP series optical transceiver modules support a speed of 1.25Gbps, widely used in Gigabit Ethernet, 1G fiber channel, and SDH. They can

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12G-SDI fiber optic extender OEM for our CCTV television station : 1-ch bidirectional 12G-SDI with loop, 1-ch bidirectional SYNC analog video, control data with 12Mbps high rate, 1-ch Gigabit

1G Bidirectional Transceivers for Service Provider and

The Cisco 1G bidirectional transceivers provide several benefits for both service provider and IoT applications. These transceivers offer the following

SFP Single Fiber 20 km transceiver | 1G BX Ethernet

OptoSpan 20 km Single Fiber SFP transceiver for 1G BX Ethernet. 1Gb single strand bidirectional SFP transceiver for single-mode fiber. Details: This advanced 20dB transceiver is designed for highly

Cisco SFP Modules for Gigabit Ethernet Applications Data Sheet

No attenuator is needed on the other fiber strand. SFP Operation at 1G The GLC-GE-DR-LX SFP can interoperate with other 1G SFPs/interfaces as long as those are based on

1G SFP PRODUCT FAMILY

The 1000BASE-BX10-D and 1000BASE-BX10-U Single-Fiber Bidirectional SFP modules support a link length of up to 10km on a single strand of standard single-mode fiber (SMF, G.652).

Single-fiber Bidirectional Transceivers

Bidirectional transceivers transmit and receive optical signals through a single fiber, saving optical fiber resources. This is useful where fiber resources are scarce

Explanation of Optical Module Parameters

Optical Interface Type: Common optical module interface types include dual LC interface, single LC interface, SC interface, and MPO interface. Dual LC interfaces are suitable for dual-fiber

1km Single Fiber SFP 11D K001B55

1 km Single Fiber SFP | SFP-11D-K001B55 OptoSpan 1 km Single Fiber SFP transceiver for 1G BX Ethernet. 1Gb single strand bidirectional SFP transceiver for multimode fiber. Details: This advanced

1G BiDi SFP Module High-Speed Fiber Optic Connectivity

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Our 1G BiDi SFP transceivers enable full-duplex communication over a single fiber, reducing fiber usage while maintaining reliable performance. Ideal for enterprise networks, data centers, and telecom

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