

Industrial-grade gigabit single-mode fiber optic transceiver



Overview

The 1 Gigabit Singlemode Industrial SFP Transceivers are high-performance modules designed for industrial applications that require reliable and efficient fiber optic connections over long distances. Also known as a mini-Gigabit Interface Converter (GBIC), this industrial SFP module's metal housing offers increased durability while reducing. The SFP1G-LX-31-I module, with its 10km single-mode fiber transmission capacity, is an ideal choice for backbone network construction, particularly for inter-factory backbone links, building automation systems, and connecting outdoor sites to monitoring centers. A key example is outdoor. 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. Cisco-Compatible GLC-LH-SMD SFP Transc. 3V power supplies and are intended for single mode or multi-mode fiber, operating at a nominal wavelength of 1310nm/1550nm/850nm. Each SFP Transceiver consists of a transmitter optical subassembly (TOSA), a receiver optical subassembly (ROSA) and an. The LevelOne SFP-4330 is a high-performance, cost-effective 1. Utilizing 1310nm for transmission and 1550nm for reception, When coupled with the SFP-4340 transceiver which transmits at.

Article Content

Cisco SFP Modules for Gigabit Ethernet Applications

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

HMS Networks

HMS creates products that enable industrial equipment to communicate and share information with software and systems. In short: Hardware Meets Software™.

Singlemode to Multimode Fiber Optic Converter

High-performance fiber optic media converter for stable gigabit networking. Supports 2-155Mbps & 100-1250Mbps transmission with multimode/singlemode compatibility. Reliable industrial-grade design.

What is QSFP & QSFP+ Transceiver: An Ultimate Guide

40GBASE-LR4: LR4 stands for long reach four channels; it is based on CWDM technology and integrates four lasers into one LC interface,

Industrial Gigabit Fiber SFP Optical Transceiver Module

Compatibility in your network is everything, and this industrial SFP Transceiver Module delivers. Use it with any Intellinet SFP equipped network switch or any other Multi Source Agreement (MSA)

1000Base-LX Industrial SFP Single Mode LC Module

This industrial SFP module works with standard SFP slots found on industrial switches and fiber media converters. The TI-MGBS20 industrial SFP is

R Industrial SFP Transceiver

Industrial SFP Transceiver R Fully Tested with CTC Industrial Grade Product for Guaranteed C. tibility and Performance. The Best Performance Can be Guaranteed Even in Mission-Critical Applications

Cisco Sfp 10g Lrm (model: 10 2456 02) 10g Optical Sfp+ Transceiver

GLC-LH-SMD 1310nm 10km SMF Transceiver Industrial Gigabit SFP LX/LH, Data Rate: 1 Gbps Pune, Maharashtra ₹ 1,500/Piece Get Best Price Syrotech 1Gbps SFP GOXS-BI5412-80D & GOXS-BI4512

Industrial Gigabit SFP Transceiver, Singlemode, 10 Km | Eaton

Features Industrial-Grade SFP Transceiver Module Connects Fiber Cabling to Your Network Device N286I-1P25GLXD1 provides

Fiber Optic Cable Types: A Complete Guide

The plethora of fiber optic cable types can seem overwhelming, but choosing the right cable for the job is important. Read on to learn what fiber optic

Lightwin LWO-SFPP-LR 10 Gbit SFP+ 1310nm 10km | AiO.lv

Lightwin LWO-SFPP-LR is an industrial 10 Gbit SFP+ optical transceiver operating at 1310 nm for singlemode fiber. It supports a link distance up to 10 km, LC-duplex connector and DDM (Digital

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

Fiber Optic Cable Industry Statistics | Verified 2026 Data

Key insight Even as single-mode fiber pushes the theoretical envelope towards 100 Tbps, the pragmatic backbone of our digital world remains a complex tapestry, weaving together bend

4 port fiber optic switch | Newegg

Industrial Ethernet DIN Rail Switching Managed Gigabit Ethernet Switching 4-Port 10/100M RJ45 1 SFP Slot with Hot Swappable SFP Module for Fiber Optic Network Model #: HANLB0GRS5PF15 \$ 73.99

Arista QSFP-40G-LR4-Arista | 40G QSFP+ Transceiver, Single-Mode,

The Arista QSFP-40G-LR4 is a 40GBASE-LR4 QSFP+ optical transceiver designed for high-speed data center and enterprise applications. It delivers 40 Gigabit Ethernet throughput up to 10km over single

SFP-4330 1.25Gbps Single-mode BIDI(WDM) Industrial SFP

The LevelOne SFP-4330 is a high-performance, cost-effective 1.25Gbps BiDi (WDM) Industrial SFP transceiver designed for single-mode fiber for the link up to 20km applications.

Industrial Gigabit Fiber SFP Optical Transceiver Module,

Industrial Gigabit Fiber SFP Optical Transceiver Module, Single-Mode 10 km 1000Base-LX (LC) Single-Mode Port, 10 km (6.2 mi.), MSA-compliant for

1 Gigabit Industrial SFP Fiber Optic Transceivers | Rugged & Reliable

1 Gigabit Industrial SFP transceivers are built for rugged environments that require reliable, high-speed fiber connectivity. Designed to operate in harsh conditions, these transceivers support temperatures

FS Reliable 1G SFP Industrial Transceivers for Harsh Environments

Explore FS industrial-grade 1G SFP transceivers designed for long-distance fiber, short-range links, and copper access. Rugged, reliable, and ideal for harsh environments.

Fiber Optic Converters: A Beginner's Guide

A technical guide explaining the various types of fiber optic converters available today, including their signal type, mounting options, and powering.

Buy facility battery disposal services, Good quality facility battery ...

Product Overview The OSFP-800G-DR8 represents the pinnacle of high-bandwidth optical interconnects, specifically engineered for 800 Gigabit Ethernet links in AI-driven and cloud-scale

In Stock Huawei Industrial Switch Layer 2 Switch, SNMP Management ...

Discover Huawei industrial switches with POE, VLAN support, and CE certification for reliable, high-performance network solutions in demanding environments.

Multi-mode optical fiber

Multi-mode optical fiber is a type of optical fiber mostly used for communication over short distances, such as within a building or on a campus. Multi-mode links can

Fiber Optic Media Converter Price

Best prices 10/100/1000Mbps Fiber Optic Media Converter 1 Optical Port 2 RJ45 Netlink converter fiber optic transceiver 25KM \$30-38 MOQ: 1 pair Ftth Single Double Mode Gigabit 10/100/1000M Fiber

1 Gigabit Singlemode Industrial SFP Fiber Optic Transceivers

The 1 Gigabit Singlemode Industrial SFP Transceivers are high-performance modules designed for industrial applications that require reliable and efficient fiber optic connections over long distances.

Amazon : Fiber Optic Cable Tags

Explore write-on fiber optic cable tags with self-laminating protection. Keep your cables organized and clearly labeled with writable identification solutions.

Gigabit Switch Industrial-Grade Rail Type Ring Network Gigabit 2 ...

Key attributes ports 2 optical, 4 electrical, 1 COM transmission rate Gigabit brand name OEM function QoS products status Stock communication mode Full-Duplex & Half-Duplex private mold No switch

Contact Us

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