

# Home Gigabit Single-Mode Fiber Transceiver



## Overview

Our 1 Gigabit Singlemode SFP Transceivers offer high-performance, reliable connectivity for singlemode fiber optic networks. These transceivers are engineered for long-distance applications, supporting distances from 10 km to 180 km depending on the model and wavelength. They are compatible with a. 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. 5dBm (min) and RX sensitivity of -20dBm. The GSFIBER-SFP-10K is a Gigabit Ethernet single-mode SFP transceiver. Compatible with major brands like Cisco, Ubiquiti, and more.



## Article Content

Alcatel-Lucent (Nokia) 3HE00564CA 01 10GBASE-LR XFP Optical Transceiver

The Alcatel-Lucent (Nokia) 3HE00564CA 01 is a genuine original 10GBASE-LR XFP optical transceiver, manufactured by Finisar for Nokia/Alcatel-Lucent. Designed for carrier-grade 10 Gigabit Ethernet

XFP transceiver

Intel XFP Transceiver (MultiMode Fiber Optics) The XFP (10 gigabit small form-factor pluggable ) is a standard for transceivers for high-speed computer

Fiber Optic Connectivity Market Share & Forecast, 2026-2033

The single-mode fiber segment is expected to account for 46.0% of the global fiber optic connectivity market share in 2026. The single-mode fiber is the most popular because it can carry

1 Gigabit Singlemode SFP Fiber Optic Transceivers

Our 1 Gigabit Singlemode SFP Transceivers offer high-performance, reliable connectivity for singlemode fiber optic networks. These transceivers are

Complete Guide to Fiber Optic Cables for Data Centers

Why Fiber Optic Cabling Is the Foundation of Modern Data Centers Copper cabling served data centers well for decades, but the physics of electrical signaling limit

Network Transceivers

Whether you require an SFP network transceiver or an ethernet plug-in module, our selection offers compatible solutions to help you stay connected. Our comprehensive inventory of internet

Gigabit Fiber SFP Optical Transceiver Module

The transceiver is available as a mini-GBIC form factor, making it ideal for

Cisco 10GBASE SFP+ Modules Data Sheet

The Cisco® 10GBASE SFP+ modules (Figure 1) give you a wide variety of 10 Gigabit Ethernet connectivity options for data center, enterprise

Cisco SFP and SFP+ Transceiver Module Installation

This installation note provides the installation instructions for the Cisco small form-factor pluggable (SFP) and SFP+ transceiver modules. These

XGSPON ONU SFP+ 1270nm-TX/1577nm-RX 9.953G-TX/9.953G-RX

Overview The XGS-SFP-ONT-MAC-I is a high-performance optical transceiver module designed for 10-Gigabit-capable passive optical network (XGS-PON) deployments. It functions as an integrated

Amazon : Single Mode Sfp

Discover high-performance single mode SFP modules for your network. Compatible with major brands like Cisco, Ubiquiti, and more.

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.

Aruba 10 Gigabit SFP+ LR transceiver for Single Mode

Aruba 10 Gigabit SFP+ LR transceiver for Single Mode Fiber Connections up to 10 km (J9151E) Brand: Aruba a Hewlett Packard Enterprise company 3.8 (7)

SFP Transceiver

Operating at a 1310nm wavelength, it supports 1000BaseLX Ethernet over single-mode fiber for distances up to 10 kilometers. With a TX power of -9.5dBm (min) and RX sensitivity of -20dBm

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TP-Link Gigabit SFP Module, Single-mode, MiniGBIC, LC Interface,

Home Active Equipment Transceivers, Modules & Accessories TP-Link Transceivers & Modules TP-Link Gigabit SFP Module, Single-mode, MiniGBIC, LC Interface, Up to 10km Distance Excellent 4.83 / 5

>Cisco 10-2457-02 10GBase-LR SFP+ Transceiver

Buy Cisco 10-2457-02 Original Sfp+ Transceiver Module 10gbase-lr Single Mode Fiber 1310 Nm Long Range. New Factory Sealed. In Stock..Great customer service.

Single-Mode Gigabit Fiber Transceiver SFP/Mini-GBIC

THE IT PRO'S CHOICE: Designed and built for IT Professionals, this SFP module is backed for life (lifetime of module, not network switch), including free lifetime 24/5 multi-lingual technical assistance.

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

SFP Transceiver

Utilizing LC connectors and operating at a 1310nm wavelength, it enables high-speed data transmission over single-mode fiber for distances up to 10 kilometers. This module provides a reliable long-reach

#### 100 Gigabit Ethernet

100 Gigabit Ethernet 40 Gigabit Ethernet (40GbE) and 100 Gigabit Ethernet (100GbE) are groups of computer networking technologies for transmitting Ethernet frames at rates of 40 and 100 gigabits

#### F-SFP1G-SM

1GBASE-LX/LH SFP 1310NM 20KM DOM TRANSCEIVER — SINGLE MODE FIBER - 1EA  
The F-SFP1G-SM single-mode transceivers are small form factor pluggable modules for bi-directional serial

#### ipolex Gigabit Single-Mode LC Fiber to Ethernet Media ...

Extend Your Transmission Distance – By using this ethernet fiber media converter, you can easily extend link distance up to 20 kilometers via OS1/OS2 single mode fiber (SMF, LC, Duplex). Plug and Play – No software installation or configuration is required.

#### 10G BiDi SFP+ TX1550nm/RX1490nm 70KM LC Optical Transceiver

This high-performance bidirectional SFP+ transceiver delivers 10Gbps connectivity over 70km single-mode fiber using 1490nm/1550nm wavelength division multiplexing (WDM) technology. Designed for

#### 1G SFP LX 1310nm 20km Single mode Transceiver

Featuring a built-in Semtec chip and reliable FP laser / PIN receiver, the SFP module delivers low power consumption and stable optical links for 1G single

## Contact Us

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