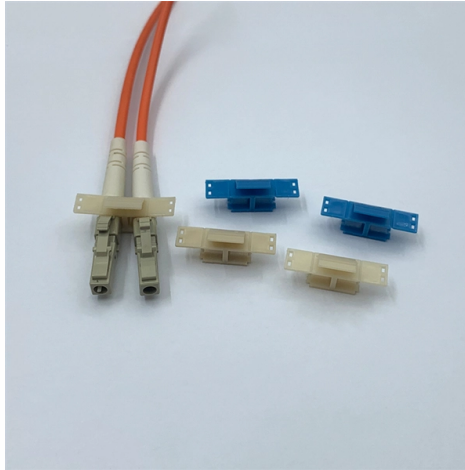


Gigabit Single-Mode Fiber Transceiver Models



Overview

QSFP-DD: For 400 Gbit/s and up to 800 Gbit/s, suitable for data centres and backbone networks with high requirements. The industry-standard Cisco Small Form-Factor Pluggable (SFP) Gigabit Interface Converter (Figure 1) links your switches and routers to the network. Optical and copper models can be used on a wide variety of Cisco. A gigabit SFP module is a hot-pluggable transceiver designed to deliver 1Gbps Ethernet connectivity over fiber or copper, and it remains one of the most widely deployed networking components in enterprise, campus, and industrial networks today. These transceivers are engineered for long-distance applications, supporting distances from 10 km to 180 km depending on the model and wavelength. 25 Gbit/s, with various connector types such as LC. SFP+: For higher speeds from 8.



Article Content

Gigabit SFP Module: A Complete Guide to 1G SFP Transceivers

In practical network design, gigabit SFP modules are commonly used for access-layer switching, short-to-medium distance fiber links, and legacy infrastructure upgrades.

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easy-to-install modules that provide a simple way to add fiber connectivity or an extra Gigabit Ethernet port to your Cisco 100, 200, 300, and 500 Series switches.

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

Factory Price Optical Module 1.25G DWDM SFP Module CH17 40km

Product descriptions from the supplier Report abuse Products Description
Specification Model Number FTL-1GB17-40CD Place of Origin Guangdong, China
Brand Name Flytoplink Use Fiber Channel,

BTON 1.25G Optical Fiber Transceiver 1550nm 60km Dual LC DDM Singlemode ...

Key attributes Type Fiber Optic Transceivers Connector Type LC Model Number BT-OC24-60 Brand Name BTON Place of Origin Guangdong, China Warranty Time 3 Years
Brand Name BTON Type

Gigabit Switch Fiber Optic Transceiver Industrial-Grade Rail

Gigabit Switch Fiber Optic Transceiver Industrial-Grade Rail Networking Ring Network
Gigabit 2 Optical 4 Electrical Port No reviews yet Shenzhen J.D.N Technology Co., Ltd.
1 yr

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A gigabit SFP module is a hot-pluggable transceiver designed to deliver 1Gbps Ethernet connectivity over fiber or copper, and it remains one of the most widely deployed networking components in

Cisco SFP Modules for Gigabit Ethernet Applications

1000BASE-EX SFP for long-reach single-mode fibers The 1000BASE-EX SFP operates on standard single-mode fiber-optic link spans of up to 40 km in length. A 5-dB inline optical attenuator should be

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The transceivers are available for single-mode or multimode fiber-optic cabling and can support distances from 100 meters up to 40 kilometers. The Cisco MGE transceivers provide fast,

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

