

Electronic Port Optical Module 100Mbps



Overview

The 100FX SFP module for fast Ethernet (FE) ports provides a 100-Mbps optical link using LC connectors and 1310-nm MMF (multimode fiber) cable. The maximum transmission distance for this connection is 2 km. TESTED FOR COMPATIBILITY: Hot-swappable in MSA Compliant routers and switches; DDM support reports the transceiver's status to most SNMP network management tools. While Gigabit and higher-speed optics dominate modern data centers, many control systems, surveillance networks, transportation infrastructure, and. FS offers a range of fast Ethernet 100M SFP transceiver modules, high performance and small form-factor pluggable, which provides flexibility for using fiber Gigabit connections in both data and telecommunication applications. For a complete listing of hardware compatible with these modules, see the Extreme Optics. The 100M Ethernet Optical Port Chip has become an essential component for achieving high-speed and stable data transmission. Overview. SW0402C is a One hundred trillion single-mode single-fiber transceiver, providing four 100Mbps electrical ports and two 100Mbps SC optical ports 10/100M Ethernet fiber optic transceiver, which can convert 10Base-T, 100Base-TX adaptive twisted-pair electrical signals to 100Base-SX/LX optical.



Article Content

Hot

Unlock High-Density 100G Connectivity: Your Guide to the 100G

QSFP28 100G PSM4 transceivers offer high-speed, cost-effective 100G Ethernet over single-mode fiber, ideal for data centers and enterprise networks.

Jul 28, 2025 Hot

MSA Uncoded SFP Module

MSA Uncoded SFP Module - 100BASE-FX - 100MbE Multi Mode Fiber (MMF) Optic Transceiver - 100Mb Ethernet SFP - LC 2km - 1310nm - DDM Learn why IT Pros

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100M SFP Transceiver Modules Data Sheet | FS

The SFP-100LX-31 SFP transceiver supports up to 10km link lengths over single-mode fiber (SMF) using a wavelength of 1310nm via an LC connector. Featuring low power consumption,

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

SFP – small form factor – pluggable modules for various optical data communications such as Fast Ethernet, Gigabit Ethernet, BiDi, SDH Sonet and 4G.

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FibreCart 10/100Mbps Single Mode Dual Fiber 20KM SC

FibreCart 100Mbps Fiber Media Converter – Single Mode Dual Fiber, 20KM SC Port, Plug-and-Play Networking Solution The FibreCart Optical Fiber Media Converter

Nov 07, 2025 Hot

10g SFP Electric Port Module RJ45 Optical Converter Optical

Brand Name: HGunet Place of Origin: Guangdong, China Warranty Time: 1 year Port: 1 Power - Minimum Receivable: 1 Frequency Range: 50/60hz Show more

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StarTech MSA Uncoded Compatible SFP Module

StarTech Cisco Meraki Compatible SFP Module - 1000BASE-LX - 1GbE Single Mode Fiber SMF Optic Transceiver - 1GE Gigabit Ethernet LC 10km - 1310nm

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Optical Port 100 Gigabit Ethernet Port Chip | Weyland

The primary feature of the 100M Ethernet Optical Port Chip is its support for a transmission speed of 100 Mbps. This speed is suitable for most small and medium-sized enterprises and home

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A Comprehensive Guide to 100G Optical Transceiver

Understand 100G optical transceiver form factors like QSFP28, CFP, CFP2, CFP4 and CXP. Learn how they optimize network performance and

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100BASE SFP (mini-GBIC) Transceivers

FS offers a range of fast Ethernet 100M SFP transceiver modules, high performance and small form-factor pluggable, which provides flexibility for using fiber Gigabit connections in both data and

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100G Optical Module Selection Guide: Advantages and Types of

Explore the QSFP28 100G optical module, a vital component for high-speed network connections. Discover its unique features, advantages, and various types to meet diverse

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The applications of 100M Optical Module

100M Optical Module enables fast, reliable connections for offices, factories, security, and telecom networks, supporting efficient short-distance data

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Huasifei 4*100m Electrical Ports and 2*100m Sc Optical Ports Single ...

SW0402C is a One hundred trillion single-mode single-fiber transceiver, providing four 100Mbps electrical ports and two 100Mbps SC optical ports 10/100M Ethernet fiber optic transceiver, which

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100FX SFP Module for Fast Ethernet Ports

The 100FX SFP module for fast Ethernet (FE) ports provides a 100-Mbps optical link using LC connectors and 1310-nm MMF (multimode fiber) cable. The maximum transmission distance for this

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What are electrical port optical modules?

Match different: the electric port module is usually used with Category 5, Category 6, Super Category 6 or Category 7 cables, while the optical module is usually connected with the optical fiber patch cords.

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100M/1000M SFP RJ-45 Cat 5/5e 100m 100M/1000M

GIGALIGHT 16GFC SFP+ CWDM optical transceiver module is used for long-distance interconnection of data center storage area network, conforms to 16G

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100BASE FX SFP: Complete Guide to 100Mbps Fiber Transceivers

In summary, 100BASE FX SFP modules are most commonly deployed in industrial, surveillance, campus, and infrastructure networks where 100Mbps bandwidth is sufficient but fiber reliability,

Nov 03, 2025 Hot

1000BASE-T Copper SFP | Gigabit RJ45 100m

Our 1000BASE-T Copper SFP module delivers dedicated Gigabit Ethernet connectivity over existing copper cabling. Supporting 1000 Mbps data rates over

Nov 21, 2025 Hot

Catalyst 6500 Series 10

This data sheet describes the benefits, specifications, and ordering information for the Catalyst 6500 Series 10- and 100-MBPS Ethernet Fiber-Based

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Differences Between Electrical Port Modules And Optical Port Modules

In fact, electrical port modules deliver performance comparable to that of optical port modules while boasting unique advantages. This article will share relevant knowledge and key differences between

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SFP Optical Module 100Mbps: A Deep Dive into Performance

What is the SFP optical module 100Mbps? It provides reliable, low-latency fiber connectivity at 100 Mbps, ideal for industrial networks with moderate data needs, long distances, and electromagnetic

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What Is an SFP Optic Module and How Does It Work

SFP optic modules convert electrical to optical signals for fast, long-distance data transfer. Hot-swappable, versatile, and compatible with various

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Transceiver | SFP Transceivers | LC Type (2 Kms), 100

DG-SA1021, Digisol 100 Mbps MM SFP Transceivers, LC Type (2 Kms) The DIGISOL family of Small Form Factor Pluggable (SFP) transceiver modules are

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Cisco Fast Ethernet SFP Modules

Cisco Fast Ethernet SFP Modules Overview Cisco offers a range of Fast Ethernet SFP Interface Converters. The product portfolio includes 100BASE-FX, 100BASE

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Siemens 6GK5991-1AF00-8AA0 SIEMENS SCALANCE X

Siemens 6GK5991-1AF00-8AA0 SIEMENS SCALANCE X ACCESSORY; SFP991-1LD; 1X 100 MBIT/S LC PORT, OPTICAL; SINGLE-MODE OPTICAL UP TO, distributed by Kempston Controls. Shipping

Jun 18, 2026 Hot

What is an electrical port and what is an optical port?

What is an electrical port? The electrical port is relative to the optical port, which refers to the physical characteristics of the fireproof device, mainly

Jul 04, 2025 Hot

MSA Uncoded SFP Module

TESTED FOR COMPATIBILITY: Hot-swappable in MSA Compliant routers and switches; DDM support reports the transceiver's status to most SNMP network

Jun 02, 2026 Hot

Ethernet over fiber optic converter, Gigabit Ethernet Fiber

The Thor F-GET-TR-SFP Ethernet Transceiver with SFP is designed for transporting a Gigabit Ethernet port over a fiber link from one location to another. The transceivers work in pairs, with one unit at

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