

XFP optical module dimensions



Overview

Dimensions (L x W x H): 71 x 18. Cisco XFP modules typically weigh under 300 grams. Operating temperature range: ● Commercial temperature range (COM): 0 to 70°C (32 to 158°F) ● Industrial temperature range (IND): -40 to 85°C (-40 to 185°F) Dimensions (L x W x H): 71 x 18. It was defined by an industry group in 2002, along with its interface to other electrical components, which is called XFI. XFP is a. Table 1 provides cabling specifications for the Cisco XFP Module. ** Requires 5 dB 1550 nm fixed loss attenuator for < 20 km. Grounded in the Module Power down; When high. Certified and tested on Cisco, Arista, Juniper, Brocade 10G XFP/X2/XENPAK ports for superior performance, quality, and reliability. XFP/X2/XENPAK 10G portfolio The. r SFP and fiber SFPs, SFP+, and XFP. This transceiver module is compliant with the small form-factor pluggabl (SFP) multi-source agreement (MSA). Through real-time monitoring, the DDM (digital diagnostic monitoring). Compatible with standards Noise frequency range: FCC Part 15 Class B 30MHz to 6GHz. Good system Electromagnetic EN55022:2006 EMI design practice required Interference (EMI) CISPR 22B :2006 to achieve Class B margins. VCCI Class B System margins are dependent on customer host board and chassis.



Article Content

Jun 02, 2026

XFP transceiver

XFP modules use an LC fiber connector type to achieve higher density. Principal applications include 10 Gigabit Ethernet, 10 Gbit/s Fibre Channel, synchronous

Jan 18, 2026

What is SFP Port? Everything You Need to Know

What is an SFP port? The SFP port also refers to a Small Form-factor Pluggable port. It is a compact mechanical slot that accepts an SFP module

Jan 14, 2026

SFP Transceiver Optical Fiber Single-Mode LC 1000Base-BX

MSA-compliant for compatibility with major switch manufacturers such as Cisco, Intellinet Network Solutions, ZyXEL, TP-Link, Ubiquiti, and others (see specifications)
Must be used with the two-way

Dec 04, 2025

XFP 10G Transceivers | Optical Transceivers | Amphenol

XFP 10G optical transceivers have the characteristics of low power consumption, small size, and high speed. They are most commonly used in

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WatchGuard Firebox SFP (mini GBIC) Module For Optical Network,

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XFP modules for high-speed optical transport

Short-reach and long-reach XFP - Available in multimode for short distances and single-mode for extended reach, supporting wavelengths of 850 nm, 1310 nm and

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XFP-2km-optical-transceiver-module

Applications that are described herein for any of the optical link products are for illustrative purposes only. Eoptolink makes no representation or warranty that such applications will be suitable for the

Apr 25, 2026

DATA SHEET

ModuleTek's XFP-10G-100KM-x-C10 incorporates a XFP compliant 2-wire management interface which is used for serial ID, digital diagnostics, and certain control functions. It is modeled on the SFF-8472

Sep 30, 2025

10G XFP/X2/XENPAK Transceiver Modules Data Sheet

The XFP-10GER-55 Module is compliant with the current XFP Multi-Source Agreement (MSA) Specification. The high performance cooled 1550nm EML transmitter and high sensitivity PIN

Mar 26, 2026

XFP vs SFP+: What Are the Differences?

In fiber optic networking, optical module is the indispensable building block and the enabler of seamless data transmission. 10G fiber optic transceivers

Nov 11, 2025

Optical Module Package Types Overview

Optical transceiver module (optical transceiver), referred to as optical module, is an important device in optical communication system. There are many

Sep 04, 2025

XFP 10G Dual LC Optical Transceivers

The relatively small form factor of the XFP module combined with an adaptable heatsink option allows host system design optimization of module location, heat sink shape/dimension/fins design, and

Feb 02, 2026

10G XFP PRODUCT FAMILY

ORDERING INFORMATION Hot-swappable 10G XFP modules allow for quick additions/changes into an available 10G XFP port Digital optical monitoring capability for strong diagnostic capabilities as

Mar 19, 2026

What is XFP Optical Module?

XFP optical module can easily achieve high port density applications, XFP occupied area of only the XENPAK the 20% of the printed circuit board (PCB), the power

Nov 20, 2025

XFP 10G Dual LC Optical Transceivers

The module, clip and connector dimensions are constant for all applications. While the bezel, cage assembly, EMI gasket and heat sink can be designed and/or adjusted for the individual application.

Sep 23, 2025

Optical Modules for Huawei S Series Switches

An SFP+ optical module can interconnect with an XFP optical module. Two optical modules can interconnect with each other as long as their wavelengths, transmit power, and receive power meet

Feb 25, 2026

SFP Optical Module 1.25G Single Optical Fiber 20km

This is a standard SFP optical module. It uses a single mode optical fiber and the speed rate can up to 1.25Gbps, transmission distance up to 20 km.

Dec 27, 2025

Cisco 10GBASE Dense Wavelength-Division

This data sheet describes the benefits, specifications, and ordering information for the Cisco 10GBASE Dense Wavelength-Division Multiplexing XFP

Aug 22, 2025

OSX010000 SFP+ OSX010000 price and specs

OSX010000 SFP+ is a new generation of 10 Gigabit optical modules. It can meet the applications of Fibre Channel 8.5G and Ethernet 10G in accordance with the

Apr 28, 2026

Small Form Pluggable (XFP) Optical Transceivers

Module is designed for AC coupling. DC voltage will be filtered by internal capacitors. Single ended will be 50 ohm for each signal line. Output of coupling optical power into 50/125 mm MMF. Refer to

Jan 06, 2026

Cisco 10GBASE SFP+ Modules Data Sheet

The Cisco 10GBASE SFP+ modules give you a wide variety of 10 Gigabit Ethernet connectivity options for data center, enterprise wiring closet, and

Dec 20, 2025

XG-SFP-LR-SM1310 10GBASE-LR SFP+ 1310-nm 10-km DOM

XG-SFP-LR-SM1310 10GBASE-LR SFP+ 1310-nm 10-km DOM Duplex LC SMF Optical Transceiver Module Applicable to data center and campus networks, enabling cost-effective, efficient, and high

Jul 20, 2025

Optic Modules Datasheet

Features and Benefits The following table lists the different pluggable optic modules and supported platforms, along with the technical specifications for each.

Jun 17, 2026

SFP MSA Standards: Technical Guide for Optical Modules

Interoperability: Enable optical modules from different manufacturers to function correctly in the same switch or router platform. Mechanical Compatibility: Standardize module dimensions, connector

May 27, 2026

Cisco 10 Gigabit Modules

Table 2 shows the main optical characteristics for the Cisco optical XFP modules. A multirate module, the XFP module can operate at 10 Gigabit

Jul 09, 2025

Optical Module Encapsulation Types

XFP/SFP+ Optical Module A 10G small form-factor pluggable (XFP) module is a standard, hot-swappable, protocol-independent, and high-speed optical module defined by industry organizations.

Mar 08, 2026

SFP Modules SFP SFP+ and XFP Modules

Introduction r SFP and fiber SFPs, SFP+, and XFP. This transceiver module is compliant with the small form-factor pluggabl (SFP) multi-source agreement (MSA). They are versatile and

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