

1471 Optical Module



Article Overview

The 1471 optical module refers to a family of fiber optic transceivers and CWDM modules, including 10GBASE-LR SFP+ and CWDM SFP modules operating at 1471nm wavelength.

Overview

The 1471 module can refer to several types of optical devices depending on the application:

- 10GBASE-LR SFP+ Transceiver (FTLX1471D3BCL)
- Designed for 10 Gigabit Ethernet over single-mode fiber.
- Operates at 1310nm for long-range transmission.
- Uses LC duplex connectors and is compatible with Finisar (Cisco Code) hardware.
- Suitable for switches, routers, storage systems, and other network devices.
- Provides both transmit and receive functions in a single module, ensuring full-duplex communication .

- CWDM SFP Modules (1471nm)
- Supports 1.25Gbps transmission over distances up to 120 km.
- Designed for ultra-long-distance point-to-point networks.
- Uses duplex LC connectors and operates in the CWDM wavelength band (1471-1611nm).
- Ideal for campus interconnections, enterprise networks, and CWDM multiplexing applications .
- Can be integrated with passive CWDM devices to save fiber resources and reduce costs....

Article Content

Aug 06, 2025

Mini CWDM Module (1471, 1491, 1511, 1531, 1551, 1571, 1591, 1611nm ...

MSE Supplies offers Ascentta Mini CWDM Module (1471, 1491, 1511, 1531, 1551, 1571, 1591, 1611nm). Our widely used three port

Dec 13, 2025

FTLX1471D3BCL-1T Coherent | Fiber Optic Transceiver Modules

Buy now, ships today. FTLX1471D3BCL-1T - Transceiver Module from Coherent. View datasheets, pricing and availability from

Aug 20, 2025

1pc Alcatel 1471 optical module 3HE04823AA

Ordered and paid for item 2/24/2026 and received on 3/12/2026. We will do our best to help you with a solution.

Apr 05, 2026

16 Channels 1471-1611nm Dual Fiber CWDM Mux Demux Lgx Module

Hot Tags: ccwdm module single fiber, China, manufacturers, suppliers, factory, wholesale, customized, 12 Port MTP Panel, sc

Mar 02, 2026

1471 OADM, SM, LC/PC, fiber optic cassette modul Foss Fiber Optics

Fiber optic module panel with a built-in OADM, terminated in LC connectors. The module should be mounted in a 1U or 3U panel.

Apr 30, 2026

MIKROE-1471 MikroElektronika | Fiber Optic Cables | DigiKey

Buy now, ships today. MIKROE-1471 - Fiber Optic Cable Black POF 1000µm 3.28" (1.00m) from MikroElektronika. View datasheets,

Jun 09, 2026

/1471 Fiber Optic Transmitters, Receivers, Transceivers

All Products Optoelectronics Fiber Optics Fiber Optic Transmitters, Receivers, Transceivers Share Show other information about

Sep 11, 2025

Finisar FTLX1471D3BCL Compat | €12 | EDGE Optical Solutions

EdgeOptic's FTLX1471D3BCL compatible is a Finisar-coded version of the EdgeOptic 10G-SFP-10 multi-vendor 10GBASE-LR

Apr 14, 2026

JDSU 41CWDM8U Viavi Otdr Module Cwdm Wavelengths

Whether supporting the expansion of existing infrastructure or the implementation of new fiber optic solutions, this module plays a

Jan 14, 2026

CWDM-SFP-16G-1471-40-EML-MSA-AT ATGBICS | Fiber Optic

Buy now, ships today. CWDM-SFP-16G-1471-40-EML-MSA-AT - Transceiver Module General Purpose 16Gbps 1471nm LC Duplex

Sep 24, 2025

SFP-1040-Cxx: SFP+ 10G CWDM Transceiver 40Km Cisco Ready 1471

The SFP-1040-Cxx is a CWDM 10G SFP+ optical module. It is available for all 8 "main" CWDM channels 1471nm to 1611nm

Mar 07, 2026

4+2 channel CWDM, fiber optic cassette modul, SM, 2x Upgrade Foss

Fiber optic module with a built-in CWDM multiplexer and demultiplexer, terminated in LC/PC connectors. The module should be

Aug 29, 2025

Optical module

An optical module is a typically hot-pluggable optical transceiver used in high-bandwidth data communications applications. Optical

Oct 08, 2025

GE-CWDM eSFP Optical Modules

10GE SFP+ Hybrid Modules PEN Remote Optical Modules Accessories GE-CWDM eSFP Optical Modules CWDM-SFPGE-1471

Nov 10, 2025

Designing a Module for High-Speed Optical Communication

This article explores MPS optical module solutions to meet the design requirements of high-speed optical communication as well as

Oct 28, 2025

Designing a Module for High-Speed Optical Communication

The ultimate goal for all-optical connectivity with an ultra-high F5G bandwidth is to increase transmission rates. Optical modules —

Feb 12, 2026

FTLX1471D3BNL Coherent | Mouser

Coherent FTL4S1QE1C Optical Transceiver is a hot-pluggable transceiver module designed for 40 Gigabit Ethernet links over duplex

Jul 15, 2026

8+1 channels CWDM, fiber optic cassette modul, SM,

Fiber optic module with a built-in CWDM multiplexer and demultiplexer, terminated in LC/APC connectors.

May 22, 2026

1471/1611nm 8-channel Optical CWDM Mux/Demux Module with LC

Product information for 1471/1611nm 8-channel Optical CWDM Mux/Demux Module with LC Connectors CWDM-8-LC manufactured

May 08, 2026

AFL 8-Channel CWDM LGX Module 1471-1611 LC/UPC | Low

AFL 8-Channel CWDM LGX Module: Optimize your optical network with low insertion loss, high isolation, and reliable performance

Feb 11, 2026

FTLX1471D3BCL SFP+ 10GB 1310nm LR Optical Transceiver Module

Buy Finisar FTLX1471D3BCL SFP+ 10GB 1310nm LR Optical Transceiver Module,1-Pack: Network Transceivers -

Jul 04, 2026

Finisar FTLF8571D3BCV vs FTLF1471D3BCV: Which SFP Module

A procurement pro compares Finisar's two classic SFP modules—the 8571 and 1471—with real-world cost,

May 08, 2026

FTLX1471D3BCL Coherent | Fiber Optic Transceiver Modules | DigiKey

FTLX1471D3BCL - Transceiver Module Ethernet 10Gbps 1310nm 3.3V LC Duplex Pluggable, SFP+ from Coherent. View datasheets,

Jun 23, 2026

FTLX1471D3BCL Coherent | Fiber Optic Transceiver Modules | DigiKey

Buy now, ships today. FTLX1471D3BCL - Transceiver Module Ethernet 10Gbps 1310nm 3.3V LC Duplex Pluggable, SFP+ from

Sep 11, 2025

FTLX1471D3BTL Datasheet, Features, Pinout, and Applications

The FTLX1471D3BTL is a high-speed 10G Ethernet SFP+ transceiver module designed for optical communication

Sep 17, 2025

CWDM 4-Channel Multiplexer from 1471nm

This multiplexer device concentrates up to 4 independent data channels for transmission over a duplex fiber optic line. The data

Nov 05, 2025

FTLX1471D3BCL-C Amphenol ProLabs | Fiber Optic Transceiver Modules ...

Buy now, ships today. FTLX1471D3BCL-C - Transceiver Module 1310nm LC Pluggable, SFP+ from Amphenol ProLabs. View

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