

10 Gigabit Optical Module Code



AI Overview

Common 10 Gigabit SFP+ optical module codes include Cisco SFP-10G-SR, SFP-10G-LR, Intellinet 507462 (10GBase-SR), 507479 (10GBase-LR), and Huawei SFP-10G-ER/BIDI variants.

Cisco 10G SFP+ Modules Cisco offers a wide range of 10GBASE SFP+ modules for different distances and fiber types:

- SFP-10G-SR:** Short-range, multimode fiber, up to 300m on OM3 fiber.
- SFP-10G-LR:** Long-range, single-mode fiber, up to 10 km.
- SFP-10G-LRM:** Supports multimode fiber up to 220m and single-mode fiber up to 300m.
- SFP-10G-T:** 10GBASE-T module with RJ-45 interface for CAT6A/CAT7 cables, up to 30m.
- FET-10G:** Fabric extender transceiver, up to 100m on OM3/OM4 multimode fiber.

Intellinet 10G SFP+ Modules Intellinet provides cost-effective SFP+ transceivers compatible with Cisco and MSA-compliant switches:

- 507462 (10GBase-SR):** Multimode fiber, LC duplex, up to 300m, 850nm wavelength, supports digital diagnostics monitoring (DDM).
- 507479 (10GBase-LR):** Single-mode fiber, up to 10 km, mini-GBIC form factor, hot-pluggable, DDM support.

Huawei 10G SFP+ Modules Huawei offers standard and bidirectional (BIDI) modules:

- SFP-10G-ER-1310:** 10GBASE-ER, 1550nm, up to 40 km (max 20 km if mismatched with other ER modules).
- BIDI Modules:** Must be used in pairs, e.g., SFP-10G-ER-SM1270-BIDI with SFP-10G-ER-SM1330-BIDI for single-fiber bidirectional links.

FS 10G SFP+ Modules FS provides a variety of 10GbE SFP+ transceivers for data centers and enterprise networks:

- Modules include SR, LR, and ER types, supporting both multimode and single-mode fiber, with hot-pluggable and DDM features.

Key Considerations

- Form Factor:** All modules use the SFP+ (enhanced small form-factor pluggable) standard.
- Fiber Type:** Multimode (OM3/OM4) for SR modules, single-mode for LR/ER modules.
- Distance:** SR (short-range) up to 300m, LR (long-range) up to 10 km, ER (extended-range) up to 40 km.
- Compatibility:** Ensure modules are MSA-compliant or vendor-certified for your switch.
- Monitoring:** Most modern modules support digital optical monitoring (DOM/DDM) for real-time di...

Article Content

Cisco Transceiver Modules

Cisco Transceiver Modules - Learn product details such as features and benefits, as well as hardware and software specifications.

10 Gigabit Fiber SFP+ Optical Transceiver Module

PDF file

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 wiring closet, and service provider transport applications.

10 Gbit/s SFP+ Optical Modules

10 Gbit/s SFP+ optical modules apply to 10 GE optical ports. The wavelength can be 850 nm, 1310 nm, or 1550 nm, and the transmission distance ranges from 0.5 km (0.31 mi) to 80 km (49.71 mi).

Cisco S-Class 10GBASE SFP+ Modules

Product Overview The Cisco® S-Class 10GBASE SFP+ modules (Figure 1) offer customers a variety of 10 Gigabit Ethernet connectivity options optimized for Enterprise and data center applications. S

10G SFP+ Transceivers | Optical Interconnect | Amphenol

Amphenol's 10G SFP+ optical modules include SFP+ AOC. They are compliant with SFP+ MSA, SFF-8431 and SFF-8472, and are mainly used in

Gigabit Optical Module IGSFP-S-LX-LC-1310-10-DDM

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Gigabit SFP optical transceiver modules

Gigabit SFP optical transceiver modules In December 2017, Aruba introduced Revision D versions of 100M, 1G, and 10G transceivers. Revision D products are structured to be specific alternative

10G SFP+ Optical Transceivers | Transceiver Module

FS 10GbE SFP+ module solutions provide a wide variety of 10 Gigabit Ethernet connectivity options for data centers, enterprise wiring closets, Internet Service

Intellinet 10 Gigabit Fiber SFP + (LC) Single-Mode

The Intellinet 10 Gigabit Fiber SFP Optical Transceiver Module

Cisco 10GBASE SFP+ Modules Data Sheet

Product overview The Cisco® 10GBASE SFP+ modules (Figure 1) give you a wide variety of 10 Gigabit Ethernet connectivity options for data center, enterprise wiring closet, and service provider transport

10GE SFP+ Optical Modules

Single-fiber bidirectional (BIDI) optical modules must be used in pairs. For example, SFP-10G-BXU1 must be used with SFP-10G-BXD1.

Generic SFP-10G-LR Compatible 10GBASE-LR SFP

Generic SFP-10G-LR Compatible 10GBASE-LR SFP+ Transceiver Module (SMF, 1310nm, 10km, LC, DOM) This Generic SFP-10G-LR compatible SFP+

Intellinet 10 GbE Fiber SFP+ Optical Transceiver

The Intellinet Network Solutions 10 Gigabit Fiber SFP+ Optical Transceiver Module (model 507462) is fully hot-pluggable, and that allows you to install the module

10GE SFP+ Optical Modules

10GE-CWDM SFP+ Optical Modules 10GE-DWDM SFP+ Optical Modules 40GE QSFP+ Optical Modules Industrial Optical Modules 100GE QSFP28 Optical Modules GPON Optical Modules 25GE

What Is 10GBASE-LR? SMF 1310nm 10km SFP+ Explained

10GBASE-LR is a 10-gigabit Ethernet optical standard that operates at 1310 nm over single-mode fiber (SMF), supporting link distances of up to 10 km.

10 Gigabit Fiber SFP+ Optical Transceiver Module

10 Gigabit Connectivity Whether you need a fast connection to your 10 GbE equipped server or NAS device, or if you simply want to connect two Gigabit

10-Gigabit (10G) Ethernet Network Cables & Modules

Buy 10-Gigabit (10G) Ethernet Network Cables & Modules for your AI/datacenter network build-outs factory-direct from Amphenol, the industry leader in High

10 Gigabit Fiber SFP+ Optical Transceiver Module

10 Gigabit Connectivity Intellinet Network Solutions 10GBase-LR Fiber SFP+ Optical Transceiver Module, model 507479, is the right choice when it comes to

10 Gigabit Fiber SFP+ Optical Transceiver Module

Whether you need a fast connection to your 10 GbE equipped server or NAS device, or if you simply want to connect two Gigabit switches in your data center at higher speeds to eliminate bottlenecks,

Installation and Maintenance Guide for Gigabit Optical Modules and 10 ...

As an essential component of network communication, optical modules have been widely used in various scenarios such as data centers, enterprise LANs, and WANs. An optical module is

10 Gigabit Ethernet

10 Gigabit Ethernet (10GE, 10GbE, or 10 GigE) is a group of computer networking technologies for transmitting Ethernet frames at a rate of 10 gigabits per second.

SFP+ Optical Transceiver Modules (10G-SR/LR)

Genuine Amphenol 10GBASE-SR SFP+ Optical Transceiver Modules provide a high-density, high-performance interface for 10-Gigabit Ethernet and Fibre

Ubiquiti 10Gbps Multi-Mode Optical Module 2-Pack for

The 10 Gbps Multi-Mode Optical Module, model UACC-OM-MM-10G-D-2, from Ubiquiti is a high-performance, dual-rate optical transceiver designed for use in

Contact Us

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