

GBIC optical module connector



Overview

GBIC modules are compatible with optical cabling and connectors, including LC, SC, and ST. Although seldomly used today, GBIC's are still available for the 1.25 Gbps data rate, being mostly used in Ethernet switches, but also in special converters like our. GBIC, short for 'Gigabit Interface Converter', first launched in 1995 by GBIC MSA INF-8053, is the earliest hot-pluggable form factor in the optical transceiver industry. Initially designed for Fibre Channel and Gigabit Ethernet applications, it also supported 100M and 2.5 Gbps. With SC. Upgrade to 100G or 400G optics and save. Read about the latest technology and events related to Cisco's optical transceivers. Watch short videos explaining transceiver concepts and how Cisco. We offer a small choice of standard GBIC modules as a complement to our fiber-optic based products.



Article Content

Buy Transceivers – SFP, SFP+, and QSFP Modules

Transceiver Modules SFP Transceiver Modules Here you can find SFP, GBIC and all other types of modules for multi-mode as well als single-mode fiber-optics, and even Copper Ethernet (1000Base-T

GBIC modules – Tagged "category_fiber-optic-devices" – Fosco Connect

GBIC optical modules are the first form pluggable fiber optic transceiver modules used in the fiber communications industry. Although seldomly used today, GBIC's are still available for the 1.25Gbps

Ubiquiti SFP (mini-GBIC) Module UACC-OM-MM-1G-D-20

Ubiquiti SFP (mini-GBIC) Module Multi-mode, duplex, fiber transceiver module. The 1 Gbps Multi-mode Optical Module is a duplex transceiver that delivers up to 1.25 Gbps speed over distances up to 550

Gigabit Interface Converter (GBIC): Definition & Technical Guide

What physical connector types do GBIC modules use? Optical GBIC typically uses duplex SC connectors, while copper GBIC versions use RJ-45 for twisted-pair Ethernet.

GBIC-Module

Als Ergänzung zu unseren Fiber-Optic basierten Geräten bieten wir eine kleine Auswahl an GBIC-Modulen an. Diese Module kommen von verschiedenen Fremdherstellern.

GBIC Modules

We offer a small choice of standard GBIC modules as a complement to our fiber-optic based products. These modules come from various third-party

What is GBIC Module?

What is GBIC? Short for gigabit interface converter, GBIC module is a transceiver which converts electric currents to optical signals and the other way

Axiom JD497A-AX Fiber Optic Transceiver Module – TRINCOS

Versand wird beim Bezahlvorgang berechnet. For IT teams managing high-speed network environments, the Axiom JD497A-AX Fiber Optic Transceiver Module offers reliable performance for

Everything You Have to Learn About GBIC and SFP

To connect optical fiber cables to the GBIC or SFP modules, you need to use appropriate fiber optics connectors like LC, SC, or ST. They must be

Gigabit interface converter

1000BASE-SX GBIC Gigabit interface converter (GBIC) is a standard for transceivers. First defined in 1995, it was used with Gigabit Ethernet and Fibre

Optics Compatibility Matrix

Cisco does not support third party optics. For the guideline on third party components, see Section 6 of Cisco's Non-Entitlement Policy.

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 optical networking (SONET) at OC-192

GBIC Explained: The Legacy Transceiver Powering Key Networks

A GBIC functions as a transceiver that converts electrical signals into optical signals (or vice versa) for network communication. It allows devices to connect over fiber optic or copper cables, enabling high

Fiber Optic Transceiver at | Transceiver Module in New Delhi | ID ...

A fiber optic transceiver is a hot-pluggable hardware module that converts electrical network data into light pulses (transmit) and incoming optical signals back into electrical data (receive). It bridges

What is GBIC? Everything You Need to Know (2024)

The GBIC transceiver, or GBIC module, is a hot-pluggable device that converts electrical signals into optical signals for long-distance transmission. It is designed to be plugged into the GBIC

Bidirectional SFP Modules/Transceivers

What are Bidirectional SFP Modules? Bidirectional SFP modules are advanced optical transceivers designed to enhance network infrastructure by enabling data

Choosing Between GBIC vs. SFP Modules: A

What Is the GBIC Module? A GBIC (Gigabit Interface Converter) is a hot-swappable input/output device that connects a Gigabit Ethernet port to a

Hilink Optics QSFP QSFPDD OSFP 10G SFP

If you have any questions about Hilink Optics CWDM DWDM QSFP QSFPDD OSFP 10G SFP transceivers, we will give the professional solutions to you.

Axiom JD497A-AX Fiber Optic Transceiver Module - TRINCOS

Expédition calculée au moment du paiement. For IT teams managing high-speed network environments, the Axiom JD497A-AX Fiber Optic Transceiver Module offers reliable performance for long-distance

A Beginner's Guide: What is GBIC?

GBIC modules exclusively use SC connectors, while SFP modules utilize LC connectors. GBIC installation requires a duplex SC fiber, whereas SFP

A Beginner's Guide: What is GBIC?

The GBIC port acts as an entry point, the GBIC connector is the interface on the transceiver, and the transceiver is the vital communication

GBIC vs SFP vs Mini GBIC: What is the difference?

In this post, we will systematically and comprehensively compare those terms, GBIC, SFP, and Mini GBIC, to help you understand the differences,

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Connect a USB-C laptop to two 4K displays, a wired network, a 3.5mm audio device, and transfer data via four Thunderbolt 4 and four USB-A ports—all while keeping your laptop charged.

Specifications of the Fiber Gigabit Ethernet SFP, XFP, SFP+, QSFP+ ...

Topic The following specifications are for the available Fiber Gigabit Ethernet modules and the platforms that support those modules. Important: The end user must ensure suitability of

The Ultimate Guide to SFP Modules (2026): Types,

Confused by SFP vs SFP+? Read the definitive 2026 guide on SFP modules. We explain Single Mode vs Multimode, DDM diagnostics, and how to choose the

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