

Egyptian Coherent Optical Module 10G



Overview

This OEM compatible SFP+ transceiver module is a high performance, cost effective device supporting a data-rate of 10Gbps over 82m transmission distance on OM2 fiber or even 400m over 10Gbps-optimized OM4 connection. gabit Ethernet links up to 10km over a single-strand Single Mode fiber. They are compliant with SFF-8431 and IEEE 802.3ae 10GBASE-x005F_xFFFE_LR/LW3, and 10G Fibre Channel 1200-SM-LL-L4. Digital diagnostics functions. GIGALIGHT provides the smart box tools for online coding of SFP, XFP, SFP+, QSFP+, and QSFP28 optics, as well as wavelength tuning for 10G tunable XFP/SFP+ optical transceivers. These transceivers offer superior optical transmit power and enhanced receiver sensitivity compared to 1310nm. Optical inserts manufactured by GBC Photonics are compatible with all network devices of major vendors and comply with current market standards. We offer transceivers for all interfaces on the market: SFP/SFP+, QSFP/QSFP28/QSFP-DD, XFP and CFP/CFP2/CFP4.



Article Content

Coherent Showcases Next-Generation Optical

Coherent Corp. will showcase its latest innovations in next-generation optical communications at ECOC 2025, taking place Sept. 29-Oct.1 at

Coherent Transceivers

By enabling IP-over-DWDM architectures, these transceivers simplify network design by integrating directly into switches and routers, eliminating the need for external optical transport equipment.

Universal Optical Modules

We offer optical modules supporting speeds from 1G to 400G, ideal for expanding network infrastructure in data centres and telecom operators. Find out how easy

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

Amphenol SFP Optical Modules • SFP+ Optical Modules from Cables on Demand are Now Available in both Short Range (SR) Multimode and Long Range (LR)

Finisar SFP+ FTLX8571D3BCL 10G Optical Network Transceiver Module ...

Finisar's SFP+ and SFP28 optical transceiver modules are used in enterprise and datacenter networks. View price, stock and buy direct from Transceiver USA.

QSFP-DD Product Family » Acacia

100G DWDM Access QSFP-DD Pluggable Coherent Optical Module Edge, Access | Cable/fiber deep | 5G wireless x-haul Key Features Meet growing bandwidth

Symmetrical 10G EPON ONU Optical Transceiver Module

Buy Symmetrical 10G EPON ONU Optical Transceiver from Manufacturer at Affordable Factory Price, 5-Year Warranty & Money-back Guarantee.

Coherent Optics Technologies and Applications for Next-Generation ...

As the demand for high-speed data transfer continues to grow, coherent optics has emerged as a key enabling technology. This paper explores the basics of coherent optics, highlights recent advancements in the field, and discusses the

Huawei OSX010000 Optical Transceiver SFP+ 10G

Explore the Huawei OSX010000 Optical Transceiver SFP+ 10G Single-mode Module for high-speed data transfer. Ideal for tech solutions, order today!

FTLX2072D327, FTLX2072D333

FEATURES APPLICATIONS Hot-pluggable SFP+ footprint Bidirectional 10G over single strand single mode fiber Supports 1.0 to 11.3Gb/s bit rates Power dissipation <1W RoHS-6 compliant (lead-free)

Optical Transceiver Companies

Cisco Systems, Inc. offers optical transceiver modules used in various networking applications, ranging from campus to data centers to service provider networks. Its pluggable optics innovation,

Coherent's 1~10G optical transceiver module lineup

In this article, we will mainly introduce the 1 to 10G product lineup made by Coherent, which has received many inquiries over the past year.

FTLF1436W5BCV Coherent | Mouser

Coherent FTL4S1QE1C Optical Transceiver is a hot-pluggable transceiver module designed for 40 Gigabit Ethernet links over duplex multi-mode fiber (MMF). The FTL4S1QE1C complies with the

WP-100G Coherent

Coherent SD-FEC: PacketLight's solution is designed to implement 100Gb/s network over existing 10G networks. This presents several challenges, the most limiting factors, among is the OSNR which is

Coherent Optics: 100G, 400G, & Beyond

Insights Coherent Optics: 100G, 400G, & Beyond Ask the community Subscribe White Paper Coherent Optics: 100G, 400G, & Beyond The optical industry is at

Optical Module Market Size, Competitors & Forecast to

The Optical Module Market, valued at USD 30.01B in 2026, is projected to reach USD 66.94B by 2032, growing at a 14.1% CAGR.

InnoLight's New Pluggable Coherent Module Underscores Companies ...

The new module family is powered by the Marvell ® Deneb™ Coherent DSP and is the latest collaboration between the two companies. The entry of InnoLight, one of the largest optical

Huawei SFP-GE-LX-SM1310 Optical Transceiver,

Huawei OSX010000 Optical Transceiver, SFP+, 10G, Single-mode Module (1310nm, 10km, LC) OSX010000 Huawei OSX010000 Optical Transceiver 7.875,00 EGP

Marvell Collaborates with InnoLight on the Launch of 100G QSFP-DD ...

The entry of InnoLight, one of the largest optical transceiver manufacturers in the world, into the 100G QSFP-DD optical module market is accelerating the transition of 10G to 100G coherent

Finisar Coherent SFP+ Transceivers

All of our 10G SFP+ transceiver modules are available in a wide variety of features to accommodate all fiber optic networking applications, including: 10-Gigabit Ethernet, 8G Fibre Channel, 16G Fibre

Ultimate Guide to 10G SFP+ AOC Cables 2025

Ultimate Guide to 10G SFP+ AOC Cables: Reliable, Scalable, and Cost-Effective As data center and enterprise network demands continue to grow, 10G SFP+ AOC

Coherent Optical Modules - GIGALIGHT

The optical amplifier module developed by GIGALIGHT is designed for long-distance transmission systems in digital optical fiber communication. It is specifically designed to work in conjunction with

Coherent's 1~10G optical transceiver module lineup

Coherent, which boasts the No. 1 share in the optical transceiver module market, offers high quality and highly reliable products, but did you know that we also

Huawei OSX010000 Optical Transceiver, SFP+, 10G,

Huawei OMXD30000, Optical Transceiver, SFP+, 10G, Multi-mode Module (850nm, 0.3km, LC) OMXD30000 Huawei OMXD30000 Optical Transceiver 2.961,00

Coherent Optical Modules - GIGALIGHT

Testing Modules & Tools Smart Optical Transceiver BOX GIGALIGHT provides the smart box tools for online coding of SFP, XFP, SFP+, QSFP+, and QSFP28 optics, as well as wavelength tuning for 10G

OM4 10G duplex monitor module | Coherent Systems

Easily monitor both 10G and 40G circuits without disrupting live circuits• Singlemode and Multimode monitoring cassette modules available to suit parallel optics, standard TX-RX pairs and Bidirectional

10GBASE-LR 10km CWDM SFP+ Optical Transceiver

FTLX2471DC0xx 10 Gb/s Enhanced Small Form Factor Pluggable SFP+ transceivers are compliant with SFF-84311, SFF-84322 and compatible with

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://tkmm.eu>

Email: info@tkmm.eu

Phone: +48 22 538 29 41

Address: ul. Puławska 45A, 02-508 Warsaw, Poland

This document is for informational purposes only. Specifications subject to change without notice.

