

50G Optical Module Manufacturer



Overview

West Hills and San Francisco, California, April 1, 2025 – Source Photonics Inc., a leading global provider of innovative and reliable technology solutions for communications and data connectivity for use in hyperscale and AI datacenters, today announces the release of its small. WolonFiber manufactures strictly MSA-compliant 40G QSFP+, 50G SFP56, and 50G QSFP28 optical interconnects optimized for mission-critical telecommunications and campus deployments. Leveraging advanced 1x50G PAM4 DSP technology and robust industrial thermal designs, our Wuhan facility delivers. OM9380ZS100 is designed for 80 km optical communication applications. This module contains 2-lane optical transmitter, 2-lane optical receiver and module management block including 2 wire serial interfaces. Ensure the signal stability, and reliability of the transmission. These reliable and robust QSFP28 modules support high speed bit rates up to 50Gb/s over link distances up to 40km and can be offered with a choice of 1-lane. Fibertop - Global Optical Module Manufacturer -HPC,Data Center Log insign up ProfileLog out Optical Transceiver 800G OSFP 800G QSFP-DD 400G OSFP 400G QSFP-DD 200G QSFP56 100G QSFP28 QSFP28 Duplex QSFP28 BIDI QSFP28 PSM4 100G CFP QSFP28 DWDM 50G SFP56 SFP56 Duplex 40G QSFP+ QSFP+ Duplex QSFP+ BIDI. In this context, chips powering 50G (50 Gb/s) optical modules—including laser drivers, transimpedance amplifiers (TIAs), PAM4 DSPs, and optical transceivers—are essential for mid-tier data center applications, forming the foundation for migration to 100G, 200G, 400G, and higher speeds.



Article Content

Nov 29, 2025

Optics and Transceivers | Fiber Optical Transceivers

FS offers a growing portfolio of optical transceivers, with speed range from 100M, 1G, 10G, 25G, 40G, 50G, 100G, 200G, 400G to 800G and beyond. The fiber optic ...

Oct 29, 2025

QSFP28 50G ZR2 | HiSilicon Optoelectronics

This module contains 2-lane optical transmitter, 2-lane optical receiver and module management block including 2 wire serial interfaces. The optical signals are multiplexed to a single-mode fiber through ...

Dec 26, 2025

50G SFP56 Optical Transceiver Modules | AscentOptics

AscentOptics' 50G SFP56 optical transceivers offer customers a wide variety of high-density and low power 50G and 25G Gigabit Ethernet connectivity options for data center and high-performance ...

Nov 10, 2025

50G SFP56

50G SFP56 optical module manufacturing factory Compatible 50GBASE transceiver with pluggable optical fiber through LC duplex connector for 26.5625GBd PAM4 Ethernet applications.

Mar 14, 2026

QSFP28-50G-LR Optical Transceiver Module

This 50G QSFP28 transceiver can be offered with a choice of 1-lane 50G PAM4 or 2-lane 25G NRZ electrical interfaces. The digital diagnostics functions are available via an I2C interface, as specified ...

Sep 15, 2025

Source Photonics Unveil the Tri-mode 50G PON OLT SFP-DD Optical ...

The 50G PON OLT optical module features the smallest SFP-DD packaging to increase the number of ports per line card for customers, allowing network upgrades without changing the layout of ...

Nov 26, 2025

Listed companies specialising in 50G optical module chips for data ...

Together, these companies represent the publicly listed landscape for 50G optical module chips, each with different technological strengths and industry positioning, covering multiple ...

Nov 17, 2025

Custom 40G QSFP+ & 50G SFP56/QSFP28 Modules

We manufacture robust 50G QSFP28 modules in LR (10km) and ER (40km) configurations, providing a reliable, precision-coded bridge for core switches that lack native SFP56 ports.

Apr 22, 2026

50G Optical Transceiver Modules | Broadex Technologies

These reliable and robust QSFP28 modules support high speed bit rates up to 50Gb/s over link distances up to 40km and can be offered with a choice of 1-lane 50G PAM4 or 2-lane 25G NRZ ...

Jan 19, 2026

50G Optical Transceiver, Optical Transceiver Manufacturer

RSFP56-50G-LR is a 1310nm DFB laser based 50Gb/s SFP56 transceiver. It is designed to transmit and receiver optical data up to 10km over single mode fiber. The transceiver is compliant with SFF-8472, ...

Contact Us

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