

JEWELBLU OPTICAL SYSTEMS

Manufacturer of 100g optical modules



Overview

Professional Optical Module Manufacturer-100G Full Series Optical. Optical Module Manufacturer-Optical Module Factory has full series of QSFP28 products.

Key Takeaways

Topstar, FS, Ruijie, and other global vendors are key manufacturers of 100G optical modules. Leading Manufacturers

- Topstar Technology: Offers a wide range of optical modules including 100G QSFP28, 100G CFP/CFP2/CFP4, and 10G SFP. They provide OEM/ODM services and focus on high-end network solutions with a dedicated R&D team and dust-free manufacturing facilities .
- FS (Fiberstore): Provides a comprehensive portfolio of 100G transceivers, including QSFP28 SR4, LR4, PSM4, CWDM4, ER4, ZR4, and dual-rate modules. FS modules support both single-mode and multimode fibers and are suitable for data center, enterprise, and telecom applications .
- Ruijie Networks: Supplies 100G optical modules for data center interconnects, supporting mainstream standards like 100G PSM4, CWDM4, and Lambda MSA. They focus on IEEE and MSA-compliant modules for high-speed Ethernet and optical transport networks .



- Other notable manufacturers: The global market includes vendors from North America, Europe, and Asia-Pacific, with QSFP28 being the dominant form factor. CFP4, CFP2, and CFP modules are also widely produced, with applications in telecommunications, cloud computing, and data centers .

Module Types and Standards

100G optical modules are available in multiple form factors and standards to meet different transmission distances and network requirements:

- QSFP28: High-density, low-power modules for 100G Ethernet, including SR4, LR4, PSM4, and CWDM4 .
- CFP/CFP2/CFP4: Larger form factors for long-haul and metro networks.
- Standards: IEEE 802.3ba, OTU4, and MSA-defined standards ensure interoperability across vendors .

Market Insights

The 100G optical module market is growing rapidly, driven by cloud computing, 5G networks, and data center expansion. QSFP28 dominates with around 50% market share, followed by CFP4 and CFP2. Asia-Pacific is the fastest-growing region, reflecting strong demand for high-speed network infrastructure . These manufacturers provide modules suitable for short-range, long-range, and high-density applications, making them key suppliers for modern high-speed networks.

Article Content

Professional Optical Module Manufacturer-100G Full Series Optical ...

Optical Module Manufacturer-Optical Module Factory has full series of QSFP28 products, from

Optical Transceivers 100G/200G/400G Module Factory

Dynafiber Optical Technology Co., Ltd. specializes in high-performance optical transceivers, offering a wide range of 100G, 200G,

JTOPTICS 100G Transceivers | High-Performance

100G Transceivers by JTOPTICS deliver high-speed optical data transmission and are ideal for data

Leading Global Manufacturer of SFP transceiver, Fiber optic

Inphitech was established in year 2011 as an international optical transceiver module manufacturer. We have comprehensive

100G QSFP Modules Supplier & Manufacturer | HCH

All 100G optical transceivers are tested for performance, reliability, and compatibility with leading networking platforms. HCH delivers

Top 10 Optical module manufacturers in the World 2025

World Top 10 Best Optical Transceiver Manufacturers List You Should Product Details: Optical transceivers for high-speed data

10 companies in the optical transceiver industry chain 2024

The rapid development of AIGC has promoted the demand for 800G optical modules, and

FS

FS - HPC, Data Center, Enterprise, Telecom

Cisco CPAK 100GBASE Modules Data Sheet

Cisco CPAK 100GBASE-LR4 and -LR4-2K Module The primary application of the Cisco

Top Optical Transceiver Manufacturers List (2024)

InnoLight offers a complete line of optical modules for 100G, 200G, 400G, and 800G applications. Like II-VI (Finisar),

Optical Transceivers

Optical transceivers have revolutionized data transmission, providing high-speed, long-distance, and secure data transmission

SFP Optical Transceiver Products | Syrotech Networks

Syrotech Networks is market leader in manufacturing and supplier of sfp module, optical transceiver, sfp port, sfp optical

FS Community

We would like to show you a description here but the site won't allow us.

100G QSFP28

100G QSFP28 and Related Products. 100G QSFP28 The rapid development of optical communications

High-speed 10G/100G optical module supplier, fiber module manufacturer ...

Wuhan FiberHTT is a professional optical module factory, a leading optical module supplier and a national high-tech enterprise.

A Brief Discussion on 100G Optical Modules in Data Centers

Dive into the technological revolution of data centers transitioning from 10G to 25G/100G network architectures to

Overview of 100G Optical Modules and Modulation

Additionally, manufacturers commonly use coherent optical communication for modules

Top 10 Optical module manufacturers in the World 2025

World Top 10 Best Optical Transceiver Manufacturers List You Should Product Details: Optical transceivers for high-speed data

10 companies in the optical transceiver industry chain 2024

The rapid development of AIGC has promoted the demand for 800G optical modules, and

FS

FS - HPC, Data Center, Enterprise, Telecom

Cisco CPAK 100GBASE Modules Data Sheet

Cisco CPAK 100GBASE-LR4 and -LR4-2K Module The primary application of the Cisco

Top Optical Transceiver Manufacturers List (2024)

InnoLight offers a complete line of optical modules for 100G, 200G, 400G, and 800G applications. Like II-VI (Finisar),

Optical Transceivers

Optical transceivers have revolutionized data transmission, providing high-speed, long-distance, and secure data transmission

LPO MSA Announces Release of Specification for Linear Pluggable Optical ...

This specification is a significant milestone for both the LPO MSA and networking industry. The 100G-DR-LPO

100G QSFP28

Discover high-speed 100G QSFP28 optical transceiver modules for 4 x 28Gbps transmission. including 100GBASE-SR4,100GBASE

FS Community

We would like to show you a description here but the site won't allow us.

SFP Optical Transceiver Products | Syrotech Networks

Syrotech Networks is market leader in manufacturing and supplier of sfp module, optical transceiver, sfp port, sfp optical

FS Community

We would like to show you a description here but the site won't allow us.

100G QSFP28

100G QSFP28 and Related Products. 100G QSFP28 The rapid development of optical communications data centers is an inevitable

High-speed 10G/100G optical module supplier, fiber module manufacturer ...

Wuhan FiberHTT is a professional optical module factory, a leading optical module supplier and a national high-tech enterprise.

Professional Optical Module Manufacturer-100G Full Series Optical ...

Optical Module Manufacturer-Optical Module Factory has full series of QSFP28 products, from

Optical Transceivers 100G/200G/400G Module Factory

Dynafiber Optical Technology Co., Ltd. specializes in high-performance optical transceivers, offering a wide range of 100G, 200G,

JTOPTICS 100G Transceivers | High-Performance

100G Transceivers by JTOPTICS deliver high-speed optical data transmission and are ideal for data

Leading Global Manufacturer of SFP transceiver, Fiber optic

Inphitech was established in year 2011 as an international optical transceiver module manufacturer. We have comprehensive

100G QSFP Modules Supplier & Manufacturer | HCH

All 100G optical transceivers are tested for performance, reliability, and compatibility with leading networking platforms. HCH delivers

100GBASE QSFP-100G Modules Data Sheet

The Cisco QSFP-100G-SR-S Module is a pluggable optical transceiver with a duplex LC

10 companies in the optical transceiver industry chain 2024

To help you choose the best partner, this article will analyze and introduce 10 companies in the optical transceiver

Wholesale Optical Transceivers Module | 100G QSFP28, 40G QSFP

Shop high-speed optical transceivers from Unitekfiber. We offer 100% compatible 40G, 100G, and 400G QSFP-DD modules for data

100Gb/s QSFP28 Transceivers | Optical Interconnect | Amphenol

Amphenol's 100G QSFP28 optical modules include SR4, AOC, AOC break out, CWDM4, LR4, ER4 Lite, ER4 and ZR4

100G QSFP28

Discover high-speed 100G QSFP28 optical transceiver modules for 4 x 28Gbps transmission. including 100GBASE-SR4,100GBASE

Professional Optical Module Manufacturer-100G Full Series Optical ...

Optical Module Manufacturer-Optical Module Factory has full series of QSFP28 products, from

Optical Transceivers 100G/200G/400G Module Factory

Dynafiber Optical Technology Co., Ltd. specializes in high-performance optical transceivers, offering a wide range of 100G, 200G,

JTOPTICS 100G Transceivers | High-Performance

100G Transceivers by JTOPTICS deliver high-speed optical data transmission and are ideal for data

Leading Global Manufacturer of SFP transceiver, Fiber optic

Inphitech was established in year 2011 as an international optical transceiver module manufacturer. We have comprehensive

100G QSFP Modules Supplier & Manufacturer | HCH

All 100G optical transceivers are tested for performance, reliability, and compatibility with leading networking platforms. HCH delivers

Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

Contact Us

Continue your research online:

Website: <https://jewelbluimages.co.za>

Technical inquiry: <https://jewelbluimages.co.za/contact.html>

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

