

# CE Certified OSFP Optical Module 200G



## Overview

Amphenol's 200G/lane optical modules support DR4, FR4, 2×DR4, 2×FR4, AOC, and breakout AOC configurations with LC or MPO ports — ideal for 800G/1. Fully compliant with OSFP MSA, IEEE 802. 3, and OIF-CMIS standards, and RoHS compliant per EU directives. Optical modules are optoelectronic devices that perform photoelectric and electro-optic conversions. The optical signals back into electrical signals. Optical modules are classified by their packaging forms, with common types including SFP, SFP+, SFP28, QSFP+, QSFP28, QSFP56, QSFP56, QSFP112, and. What Is a 200G Optical Transceiver?

A 200G optical transceiver is a pluggable device designed to transmit and receive 200 Gigabits per second over either fiber or copper links. These transceivers commonly use multi-lane architectures, combining eight electrical channels operating at 25Gbps each. High-Speed Optical Transceivers are designed for next-generation data centers, AI clusters, and high-bandwidth network architectures where speed, density, and reliability are critical. 6T “Octal Small Form-factor Pluggable”. The electrical interface of an OSFP connector consists of 8 electrical lanes, each running at 200Gb/s, for a total bandwidth of 1. Our compatible module version is designed for operation over a Double Fiber.

## Article Content

Mar 07, 2026

### 1.6T OSFP Transceivers

Amphenol's 200G/lane optical modules support DR4, FR4, 2×DR4, 2×FR4, AOC, and breakout AOC configurations with LC or MPO ports — ideal for 800G/1.6T ethernet applications. Fully compliant

Mar 29, 2026

### 2×200GBASE-FR4 OSFP PAM4 2×CWDM4 CS 2km

2×200GBASE-FR4 OSFP PAM4 2×CWDM4 CS 2km SMF FEC Optical Transceiver Module OSFP MSA compliant 2 sets of 4 CWDM lanes MUX/DEMUX design

Jan 15, 2026

### OSFP 2x400G FR4 Optical Transceiver Module | FiberMall

OSFP-800G-2FR4L OSFP 2x400G FR4 Optical Transceiver Module (1271nm, 1291nm, 1311nm, and 1331nm, 2km, SMF, LC, DOM) FiberMall OSFP 2x400G

Feb 26, 2026

### OEM|ODM transceiver module|fiber optic transceiver

UnitekFiber can provide you with high quality transceiver module 200G QSFP56 MMF 850nm transceiver 100m optical MPO/MTP. Contact us for competitive price.

Aug 06, 2025

### QSFP-200G-SR4 Arista Compatible 200G QSFP56

Our compatible Arista QSFP-200G-SR4 module is CE/RoHS certified, it meets product safety standards, and is compliant with physical layer specifications of

Aug 07, 2025

### Overview of 200G QSFP56 Optical Transceivers

Find the best 200G QSFP56 optical transceivers for data center upgrading at Ascentoptics. We offer fast delivery, expert tech support, and

Apr 15, 2026

### 400G OSFP Optical Transceiver Modules | AscentOptics

400G OSFP Transceivers: 8x50G electrical channels supporting 32 ports/1U, compatible with 800G and 100G QSFP, compliant with IEEE 802.3bs and OSFP MSA - AscentOptics.

Feb 05, 2026

### Small Form-factor Pluggable

Small Form-factor Pluggable Small Form-factor Pluggable connected to a pair of fiber-optic cables Small Form-factor Pluggable (SFP) is a compact, hot-pluggable

Aug 24, 2025

### 200G Optical Transceiver: QSFP-DD vs OSFP for Data

Explore how Fibrecross's QSFP-DD and OSFP packaged 200G optical transceivers can improve the bandwidth, density and scalability of modern data centers.

Dec 13, 2025

### 1.6T OSFP Optical Transceiver Module | Sate Optics - 8x200G for AI ...

Sate Optics offers 1.6T OSFP optical transceiver modules with 8x200G architecture, EML & silicon photonics options, compliant with IEEE802.3dj and OSFP MSA. Ideal for 1.6T Ethernet, AI/ML

Apr 22, 2026

### 200G/400G/800G Optical Transceiver Modules | FiberMall

OSFP-400G-SR8 400G SR8 OSFP PAM4 850nm MTP/MPO-16 100m OM3 MMF FEC Optical Transceiver Module \$ 400.00 5 Reviews Add to Cart

Mar 13, 2026

### GIGALIGHT 200G QSFP56 FR4 EML CWDM4 2km Transceiver

Gigalight's GQS-SPO201-FR4CZ 200GE QSFP56 Optical Transceiver modules are designed for use in 200 Gigabit Ethernet links over SMF28 single-mode fiber. They are compliant with the QSFP MSA

Oct 31, 2025

### 200G Optical Transceiver Overview: QSFP56 vs. QSFP

Compared with PAM4 technology, 200G NRZ (8X25G) has the advantages of low power consumption, low latency and easy deployment, so

May 28, 2026

### OSFP 2x 200G FR4 CWDM4 Optical Transceiver

2x 200G FR4 OSFP PAM4 2 Sets of 4 CWDM lanes MUX/DEMUX design Optical Transceiver Module (1271nm, 1291nm, 1311nm, 1331nm CS SMF 2km with FEC

Jun 04, 2026

## 200g qsfp56 Optical Transceiver Overview

The 200G QSFP56 transceiver is a hot-pluggable optical module that supports data transmission at up to 200 Gbps. It is designed as a small form

Jul 05, 2025

## OSFP 400G

The 400G OSFP modules are state-of-the-art in broadband communications. With a remarkable data transmission capacity of 400 Gbps, these modules offer exceptional performance in demanding data

Jun 11, 2026

## Optical Transceiver | 200G 400G 800G QSFP-DD & OSFP Modules

Explore optical transceivers for data centers and AI networks, including 200G, 400G, and 800G QSFP-DD and OSFP modules. Designed for high-density deployments.

Nov 25, 2025

## 200G Optical Transceivers | High-Speed QSFP56 Modules for Data

Boost network performance with 200G optical transceivers. Designed for data centers, 5G, and cloud infrastructure, our QSFP56 modules deliver low latency, high reliability, and seamless compatibility.

Sep 06, 2025

## 200G 400G 800G Optical Transceiver Modules

200G 400G 800G Transceivers are the latest generation of optical modules that enable high-speed data transmission over fiber optic cables - AscentOptics.

Sep 18, 2025

## 200G-QSFP56-SR4 200GBASE-SR4 QSFP56 850nm 100m DOM

The 200G-QSFP56-SR4 Optical Transceiver Module is designed for 200GBASE Ethernet throughput over MTP/MPO-12 connectors using OM4 multimode fiber (MMF) with a wavelength of 850nm up to

Sep 27, 2025

## 200G QSFP56 FR4 Optical Transceiver Module CWDM

Asterfusion 200G QSFP56 FR4 optical modules ensure reliable long-distance connectivity up to 2km on SMF, featuring low power consumption less than

Aug 25, 2025

## FEATURES APPLICATIONS 800G OSFP 2xF

Jabil's 2x400Gb/s FR4 OSFP Optical Transceiver is a small form-factor, high speed, and low power consumption product targeted for use in optical interconnects for data communications applications.

Jul 14, 2025

400GBASE-FR4 OSFP PAM4 CWDM4 2km LC SMF

OSFP MSA compliant 4 CWDM lanes MUX/DEMUX design 100G Lambda MSA 400G-FR4 Specification compliant Up to 2km transmission on single mode fiber

Jul 24, 2025

200G/400G Coherent CFP2 Transceiver Modules | Optical

FS 200G/400G Coherent CFP2 optical transceiver module solutions offer a full range of CFP2 modules 80km reach. Purchase from nearby warehouses. 30-Day Free Return. Trusted by 260K+ Enterprise

Nov 26, 2025

Huawei QSFP56-200G-FR4 Optical Module Datasheet

The transmitting end of an optical module converts electrical signals into optical signals, while the receiving end converts optical signals back into electrical signals. Optical modules are classified by

Jun 23, 2026

InfiniBand 400G/200G HDR | InfiniBand Optical Transceivers and

Click to get your 400G/200G HDR optical modules and cables from nearby warehouses. 30-Day Free Return. Trusted by 260K+ Enterprise Users.

## Contact Us

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