

Coherent Optical Module SFP 2026



Article Overview

Coherent's 2026 optical modules showcase next-generation pluggable transceivers from 1.6T to 12.8T, leveraging Silicon Photonics, InP, and VCSEL technologies for AI-driven data center connectivity.

Overview of 2026 Coherent Optical Modules

At OFC 2026, Coherent demonstrated a broad portfolio of pluggable optical modules designed for high-speed, scalable, and power-efficient data center interconnects. These modules span 1.6T, 3.2T, and emerging 12.8T architectures, supporting AI and cloud infrastructure requirements. The modules integrate multiple optical technologies, including:

- Silicon Photonics (SiPh) Photonic Integrated Circuits (PICs) for high-density, low-power optical links
- Indium Phosphide (InP) continuous-wave lasers and 200G EMLs for high-speed coherent transmission
- 200G GaAs VCSELs for efficient short-reach connectivity

1.6T OSFP Modules

The 1.6T OSFP optical modules are designed for ultra-high bandwidth AI data centers. Key features include:

- 200G PAM4 per lane, delivering stable high-speed optical links
- Advanced signal integrity and bit error rate (BER) performance...

Article Content

Oct 09, 2025

Coherent Showcases Multi-Platform Optical Technologies for...

Coherent Corp. highlights next-gen 1.6T, 3.2T, and 12.8T pluggable transceiver technologies at OFC 2026,

Apr 15, 2026

Coherent Demonstrates Technologies for Next-Generation

Coherent Corp., a global leader in photonics, today announced that it will showcase a comprehensive portfolio of next

May 28, 2026

50/25/10/1G Transceiver Modules | Optical Transceivers

FS provides 50/25/10/1G transceivers modules in SFP/SFP28/SFP56/QSFP28 form factor, supporting

Sep 19, 2025

Networking | Coherent

Optical Transceivers Get the pluggable module performance you need from the manufacturer of choice for

Jan 03, 2026

SFP vs SFP+ vs SFP28 vs QSFP+ vs QSFP28: 2026 Optical

Compare SFP, SFP+, SFP28, QSFP+ and QSFP28 in this 2026 selection guide. Learn where each form factor fits,

Nov 23, 2025

Coherent Optical Module Market Research Report 2033

The coherent optical module market was valued at \$6.6 billion in 2025 and is projected to reach \$21.7 billion by 2033, growing at

Feb 16, 2026

Coherent |1.6T OSFP Optical Module | OFC 2026 Demo

Discover Coherent's latest 1.6T OSFP optical module demonstrated live at OFC 2026, designed to enable next

Aug 04, 2025

Coherent Optical Module Market Size | Trends & Forecast 2035

The Coherent Optical Module Market Size was valued at 5.72 USD Billion in 2024. The Coherent Optical Module Market is expected

Dec 14, 2025

Blog: Acacia Demonstrates Coherent Technology Market Leadership at OFC 2026

Acacia's coherent modules are already being deployed in today's AI build outs while the company's expanded line of

Dec 10, 2025

Telecom Optical Transceivers | Coherent

Use Coherent optical transceivers for telecom applications such as datacenter interconnects, metro, long haul and edge networks,

Apr 24, 2026

Global Coherent Optical Transceiver Market Size, Industry Share,

Coherent Optical Transceiver Market size was valued at \$ 12.16 Billion in 2025 & is estimated to reach \$ 36.44 Billion

Sep 09, 2025

Optical Transceiver Market Size, Share, Analysis 2030

The global Optical Transceiver Market size in terms of revenue was estimated to be worth \$13.6 billion in 2024 and is poised to reach

Jul 15, 2026

Tracking the Coherent DSP Supply Chain – 2026

For information on the total volumes shipped of each coherent solution, a breakdown of module types, and forecasts

Dec 21, 2025

NVIDIA's \$4B Photonics Play: Lumentum vs Coherent

NVIDIA is spending \$4 billion on silicon photonics through Lumentum and Coherent deals.

Jul 20, 2026

Cisco Digital CFP2-DCO Coherent Optical Module Data

Cisco offers a comprehensive range of pluggable optical modules in the Cisco ONS

Mar 11, 2026

Coherent Technology Market Leadership at OFC 2026

Acacia showcases its coherent technology leadership at OFC 2026, including a new QSFP28 100ZR module and

Mar 05, 2026

Coherent Optics: It's a Pluggable World (1Q26)

In this update to our 1Q25 report, we cover the trends favoring pluggable optics as well as the companies positioned

May 06, 2026

Cisco Optics | Transform Your Network

Get the highest quality, performance-leading optical transceivers for any network architecture. Find the

Sep 23, 2025

Optical Transceiver Market Size, Growth Drivers | Industry Report 2031

The Optical Transceiver Market worth USD 15.42 billion in 2026 is growing at a CAGR of 13.67% to reach USD 29.26

Jan 04, 2026

Coherent Corp. Showcases Next-Generation Pluggable Optical

Coherent Corp. announced that it will showcase a comprehensive portfolio of next-generation pluggable optical

Oct 25, 2025

Coherent demonstrates industry first 400G/lane in Si-photonics, CPO ...

Coherent showcased its latest innovations at OFC 2026, highlighting how its broad and deep vertical technology stack, spanning

Aug 10, 2025

Coherent Demonstrates Technologies for Next

Coherent will showcase a comprehensive portfolio of next-generation pluggable optical

Apr 17, 2026

Pluggable Coherent Optical Module Future-Proofing Growth: Strategic ...

Pluggable coherent optical modules are designed for high-speed data transmission over long distances. They

Sep 25, 2025

The Future of Telecommunications: Next-Generation Coherent Optical Modules

Are you curious about the next-generation coherent modules and how they are shaping the future of

Jan 12, 2026

Coherent to Unveil Breakthrough AI-Scale Optical Innovations and ...

Coherent joined the recently announced XPO MSA as founding member to enable 12.8Tbps liquid cooled optics

Nov 16, 2025

Coherent Optical Transceiver Market Research Report 2034

Throughout 2025 and 2026, capital expenditure commitments from hyperscalers have remained elevated, with aggregate spending

Jun 16, 2026

Cisco Transceiver Modules

Cisco Transceiver Modules - Learn product details such as features and benefits, as well as hardware and software specifications.

Mar 21, 2026

Coherent Corp. Showcases Next-Gen Optical Technologies at OFC

Coherent Corp. will showcase a comprehensive portfolio of next-generation pluggable optical technologies at OFC

Jul 24, 2026

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

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

Sep 06, 2025

Global Coherent Optical Module Market Size, Growth Trends, Industry ...

Coherent Optical Module Market size was valued at USD 2.5 billion in 2025 & is estimated to reach USD 6.8 billion

Nov 10, 2025

Optical Transceivers | Coherent

Get the pluggable module performance you need from the manufacturer of choice for all major networking

Contact Us

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