

AC400 optical module



Overview

Acacia 400G CFP2-DCO Pluggable Coherent Optical Module CFP2-DCO Coherent transceivers are fully tunable across the 50GHz ITU-T grid frequency range, and support flex-grid DWDM tuning. It can soft-select among three phase modulation schemes for different applications, which is used with M6500 and. Liyuan Tech is specialized on supply of a wide variety of telecom parts, such as Nokia, Alcatel, Cisco, Finisar, Acacia, etc. For more information on Acacia AC 400-003-130 or similar parts, please feel free to fill the online inquiry form or send email to global@chn-liyuan.com. The module is designed to follow the carrier-centric OpenROADM MSA and the 100G standard in CableLabs. which has been widely used in CFP2 form-factor 100G and 200 g application. 400Gbps to support access aggregation, wireless backhaul, and interconnection of metropolitan/long distancedata centers. Coherent transport in client optics from factors in 100G/200G/400G speeds 3nm 1. 6T Kibo PAM4 DSP with market leading power efficiency Transmit and receive optical engines supporting 200G per lane electrical designs Our module products are powered by our internally developed and purpose-built. Acacia says its AC-400 is the first Flex-Rate 400G Coherent 5x7 Transceiver Module to support the most advanced modulation modes including 8QAM, 16QAM and QPSK.



Article Content

Dec 19, 2025

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Overview of 400G Optical Modules

The primary role of 400G optical modules is to increase data throughput, maximizing bandwidth and port density in data centers. Future trends

Jun 06, 2026

How 400G Optical Modules Are Shaping Next-Gen

Discover key factors driving the rapid adoption of 400G optical transceivers, including AI, 5G, coherent optics, and market trends shaping next

May 19, 2026

AC400-001-25E Acacia AC400 Dual-channel 100G

Acacia AC400 Dual-channel 100G-400G Flex. AC400-Flex modules are well suited for DCI applications that require exceptional performance to

Apr 13, 2026

Acacia Communications reveals AC400, CFP optical ...

For example, NeoPhotonics announced a coherent CFP optical module at OFC 2017 (see "NeoPhotonics samples ClearLight CFP-DCO coherent optical transceiver").

Aug 31, 2025

Acacia 400G QSFP-DD Pluggable Coherent Optical Modules -

New Modules Expand 400G QSFP-DD Applications and Reduce Cost, Power Consumption and Network Complexity for Network Operators The Bright 400ZR+ QSFP-DD

Dec 06, 2025

400G QSFP DD Active Optical Cable (AOC)

400GB/S QSFP DD ACTIVE OPTICAL CABLE COMPLIANT TO 26.5625GBD PAM4 MODULATION Amphenol's QSFP DD to QSFP DD 400G Active Optical Cable

Nov 24, 2025

Optimized Design of 400G Optical Transceiver Module

Optimized 400G optical transceiver module design: Achieves 10-15% higher coupling efficiency via lens-integrated passive devices, and 9.8W power consumption.

May 20, 2026

Acacia 400G QSFP-DD Pluggable Coherent Optical Modules -

The 400G ER1 QSFP-DD pluggable coherent optical module has a rich feature set including client multiplexing and interoperability based on both OIF and OpenZR+ protocols.

Dec 02, 2025

abb_plc_automation

The FM502-CMS function module offers precision and dynamic flexibility for customized solutions in condition monitoring, precise measurement or fast data logging applications.

Jul 14, 2025

AC400 Autocheck Integrated Inspector Endface

AC400 Autocheck Integrated Inspector Endface Microscope Inspector Enhanced Resolution and User-Friendly Interface Advanced Digital Fiber Optic Inspection

Jan 19, 2026

Acacia AC400-003-130| 400G transceiver| Liyuan Tech

Liyuan Tech is specialized on supply of a wide variety of telecom parts, such as Nokia, Alcatel, Cisco, Finisar, Acacia, etc. For more information on Acacia AC

May 02, 2026

Acacia 400G CFP2-DCO Pluggable Coherent Optical

Descriptions: Acacia 400G CFP2-DCO Pluggable Coherent Optical Module

Dec 17, 2025

400 Gbps Optical Modules

MACOM delivers industry widest portfolio of chip-sets for 400Gbps (4x106Gbps) optical modules. These devices are typically used with VCSEL lasers and Photodectors for optical transmission over multi

Nov 20, 2025

400G Optical Transceiver: Cisco 400G Optics, Pricing & Applications

Explore the 400G optical transceiver technology, pricing, Cisco optics, and application scenarios. Learn about QSFP-DD, DR4, and more for next-gen network solutions.

May 26, 2026

Acacia DP04QSDD-E30-440_100G/200G/400G/800G cfp2-dco

Acacia's 400Gbps cfp2-dco coherent optical modules are designed to comply with OpenROADM, OpenZR+, OIF 400ZR, and CableLabs specifications for optimization

Jul 27, 2025

AC400-27 | Midwest Optical Systems

The MidOpt AC400-27 is a M27 x P0.5 Acrylic Oleophobic VIS A/R Coated UV-Block Protective Window by Midwest Optical Systems.

Jun 07, 2026

Understanding the New 400G QSFP-DD Pluggable

What is the Acacia 400G Optical Module? The Acacia 400G Optical Module is a state-of-the-art plug-based coherent optical module that provides

Jan 15, 2026

IBM AS/400 HARDWARE USER MANUAL Pdf

View and Download IBM AS/400 hardware user manual online. IBM Network Hardware - Networking Hardware User Manual. AS/400 network hardware pdf

Nov 29, 2025

Bennett Auto Tab Remote Control Panel & Module AC400 & Central

Find many great new & used options and get the best deals for Bennett Auto Tab Remote Control Panel & Module AC400 & Central Processing Unit at the best online prices at eBay! Free shipping for many

Aug 23, 2025

Products » Acacia

Acacia is widely recognized as a pioneer of silicon-based PICs for coherent optical communications—the highly integrated Silicon Photonics single-chip PICs are low

Dec 10, 2025

400G Coherent Optical Devices: Architecture, Applications & Trends

Explore the architecture, key technologies, applications, and future trends of 400G coherent optical devices in modern high-speed fiber networks.

Sep 21, 2025

QSFP-DD 400G SR4 Optical Transceiver Module

Asterfusion 400G QSFP-DD SR4 optical transceiver modules support 400GBASE-SR4 Ethernet (PAM4) and are designed for Ethernet, Telecom, and Infiniband.

Jan 07, 2026

Acacia Unveils Coherent Flex-Rate 400G 5x7 Transceiver Module

The coherent AC-400 transceiver is powered by the industry's first dual-core ASIC supporting two optical channels and up to 400Gbit/s capacity including a clear channel single

Jan 03, 2026

AC400 Acrylic Oleophobic VIS / UV-Block Protective

The MidOpt AC400 Acrylic Oleophobic Coated Visible (VIS) / Ultraviolet (UV)-Block Protective Window is abrasion-, scratch-, breakage- and solvent-resistant to

Mar 14, 2026

What is the 400G Optical Module?

Now Cisco optical modules family can provide all types, you can check details here: Cisco Optics Modules. What is the market value of 400G

Mar 16, 2026

Understanding the New 400G QSFP-DD Pluggable

Discover the Acacia 400G QSFP-DD coherent optical module, a high-density solution designed for advanced optical interconnect links, including the

Aug 26, 2025

Optics | Lens | Thorlabs | AC254-400-A-ML 25.4 mm Dia. N-BK7/SF2 ...

"Discover the AC254-400-A-ML Achromatic Doublet from Thorlabs, featuring a 25.4mm diameter and EFL of 400mm. This mounted lens, crafted from n-BK7 and SF2 Schott materials, boasts a front and

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