

Which manufacturers sell dual-core optical modules



Article Overview

Key manufacturers offering dual-core optical modules include Zhongji Innolight, Accelink Technologies, AOI, and Marvell, all of which integrate optical chip production with module assembly for high-speed applications.

Leading Manufacturers

Zhongji Innolight Zhongji Innolight is a prominent Chinese optical communications company that produces high-speed optical modules ranging from 10G to 800G, including dual-core and coherent modules. The company integrates R&D, design, packaging, and testing, and also develops optical chips such as lasers and photodetectors, enabling vertically integrated solutions for data centers and telecom networks . **Accelink Technologies** Accelink Technologies manufactures optical modules from 40G/50G to 400G and beyond, with dual-core capabilities embedded in some high-speed transceivers. The company also develops key optical components and chips, including FP, DFB, EML, VCSEL, and APD technologies, allowing full vertical integration from chip to module . **AOI** AOI produces optical modules for 40G to 400G applications and develops essential optical chips such as lasers, photodetectors, and optical engines. Their dual-core modules benefit from co-optimization between chip performance and module packaging, ensuring high-speed, low-latency operation . **Marvell Technology** (via Inphi acquisition) Marvell owns a portfolio of high-speed optical PHY chips, including PAM4 DSPs and coherent DSPs, which are widely embedded in dual-core optical modules produced by other manufacturers. While Marvell does not sell pluggable modules at scale, its chips are integral to many dual...

Article Content

Mar 18, 2026

What Is A Single-Fiber BiDi Transceiver?--ETU-LINK

When planning a fiber optic network,one key decision is choosing between single-fiber (BiDi) and dual-fiber optical transceivers. This

Mar 30, 2026

Top 10 Optical module company China Products Compare 2025

Top 10 optical chip manufacturers in China - IBE Electronics Product Details: Optical chips are core components that use light

Apr 11, 2026

Listed companies that manufacture both optical modules and chips

These companies exemplify publicly traded firms with both optical module and chip capabilities, giving them a strategic position in the

Oct 30, 2025

Optical Component Startup Tracker

The number of venture-backed optical component startups has exploded - the Optical Component Start-Up Tracker

Feb 08, 2026

Optical Solutions

As a leading supplier of advanced fiber optic components, Molex has an extensive product offering that includes a full range of fiber

Apr 19, 2026

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

Feb 01, 2026

Top 10 Optical Module Brand & Manufacturers

Find the Top 10 Optical Module brand,manufacturers,and exporters. Get the contact details and addresses of companies producing

Dec 03, 2025

Co-Packaged Optics (CPOs)

From Jensen Huang showcasing CPO switches at GTC 2025 to a wide range of vendors demonstrating optical engines

Apr 16, 2026

Top 10 Optical Module Manufacturers' Annual Reports ...

Core Advantages: The only domestic enterprise covering the entire industry chain from "optical chips to optical

Jan 28, 2026

Optical Transceiver Market: Top 10 Manufacturers Ranked

Optical transceiver market leaders: the top 10 manufacturers powering 400G and 800G modules for hyperscale data

Jun 22, 2026

Chinese Optical Modules Own 7 of the Top 10 Seats. So Why Are

In the span of a decade, Chinese optical module companies have claimed 7 of the top 10 seats and secured core

Jan 09, 2026

Top Optical Transceiver Manufacturers List (2024)

In the age of digital communication, optical transceiver manufacturers are more important than ever. With data rates

Mar 13, 2026

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

Aug 10, 2025

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

The value chain of the Coherent Optical Module Market encompasses a complex ecosystem that begins with raw

Apr 05, 2026

How many listed companies are there that manufacture optical module ...

☐☐ Fewer than 10 companies truly control the core technologies worldwide One-Line Summary ☐☐ The optical module chip

Aug 17, 2025

Cisco Optics | Transform Your Network

Get the highest quality, performance-leading optical transceivers for any network architecture. Find the transceiver model to fit your

Aug 31, 2025

Dual Core Optical Fibres

Lightera (formerly OFS) approach is to use a dual core fibre that is backward compatible to commercially

Nov 30, 2025

ams OSRAM is a global leader in innovative light and sensor solutions ...

We inspire with innovative light and sensor solutions, leveraging our passion, unique technologies, and extensive experience to

Feb 22, 2026

Top 10 Global Optical Modules in 2023: Chinese Manufacturers

Recently, LightCounting, a market research institution in the optical communication industry, released the latest version

Aug 29, 2025

Top 28 Optical Communication Systems Companies

Want to Find More Optical Communication Systems Companies? If you want to find more companies that provide optical

Aug 24, 2025

Optical Components and Modules

Optical passive components from individual isolators, couplers and PM components, to multi-function integrated components such as

Sep 17, 2025

Coherent 2x1000 mW dual-chip pump laser module for optical ...

With next-generation broadband and cloud services driving the buildout of optical transport networks with technology that enables

Oct 15, 2025

Dual Core Optical Fibres

Dual core optical fibres are specifically designed for dual end Raman Distributed Temperature Sensing

Jan 05, 2026

Comparing Single-Core and Dual-Core Optical Fibers ...

Conclusion The choice between single-core and dual-core optical fibers depends largely on the specific requirements

Mar 14, 2026

The latest ranking of the TOP10 global optical module suppliers ...

LightCounting pointed out that optical module suppliers headquartered in China are starting to move some of their

May 10, 2026

Global Optical Module Suppliers TOP10 Ranking Changes

Overall, the market share and ranking of Chinese optical module suppliers has gradually increased over the past few

Feb 26, 2026

Top 10 Optical module manufacturers in the World 2025

Are you curious about which optical module manufacturers stand out in today's competitive market? Understanding the top factories

Aug 31, 2025

Optical module

An optical module is a typically hot-pluggable optical transceiver used in high-bandwidth data communications applications. Optical

Aug 04, 2025

Optical Components and Modules

Everything you need to build an optical network from end-to-end. Thin-film filter and PLC based AWG for multiplexing, a full suite of

Jul 10, 2026

Optical Transceiver Companies

Cisco Systems, Inc. offers optical transceiver modules used in various networking applications, ranging from campus to data centers

Mar 19, 2026

Deep Dive: Optical Module Market

Powering next-gen connectivity: How optical modules enable fast, reliable data transfer, and What are the

Jan 10, 2026

What is Co-Packaged Optics (CPO) Technology? | Corning

Learn about Co-Packaged Optics technology and how it revolutionizes data center design and will scale with the growth of AI.

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.greatpremiersolutions.co.za>

Email: sales@greatpremiersolutions.co.za

Phone: +27 82 914 3675

Address: Unit 5, Silicon Heights, 22 Electron Avenue, Cape Town, 8001, South Africa

This document is for informational purposes only. Specifications subject to change without notice.

