

Major Manufacturers of Passive Optical Devices



Overview

Global Passive Optical Device Market 2025 by Manufacturers, Chapter 2, to profile the top manufacturers of Passive Optical Device, with price, sales quanti.

Key Takeaways

Key manufacturers of passive optical devices include II-VI, Lumentum, NPTN, NEL, TDII, TFC, Accelink, O-Net, CoAdna, NeoPhotonics, DK Photonics, and HYC Co., Ltd. Leading Global Manufacturers

The global passive optical device market features several prominent companies that provide a wide range of optical components for telecommunications, data centers, and fiber laser applications. Notable manufacturers include II-VI, Lumentum, NPTN, NEL, TDII, TFC, Accelink, O-Net, CoAdna, and NeoPhotonics, offering products such as optical fiber connectors, directional couplers, WDMs, and PLC splitters. These companies are recognized for their technological innovation, global presence, and ability to supply high-volume demands.

Specialized Manufacturers

- DK Photonics focuses on high-quality optical passive components, including PM isolators, PM circulators, PM combiners, PM couplers, PM Faraday rotators, PM fiber mirrors, PM WDMs, and PM patchcords. Their products cover wavelengths from 400 nm to 2050 nm and power handling from 300 mW to kilowatts, serving applications in fiber lasers, optical networks, data centers, biomedical equipment, quantum communication, and Lidar systems.

- HYC Co., Ltd is an ODM/JDM provider specializing in fiber optic connectivity (MPO/MTP, LC, SC), high-speed subassemblies for transceivers, WDM multiplexers, PLC splitters, and micro-optic devices like multicore fiber fan-in/fan-out and MCF hybrids . They offer integrated design and manufacturing services for customized optical solutions.

Market Insights

The passive optical device market is growing steadily, driven by increasing data traffic, 5G deployment, and expansion of cloud infrastructure. Asia-Pacific, particularly China, leads in manufacturing capacity and domestic demand, while North America and Europe experience steady growth due to government initiatives and technological adoption . Companies in this sector are evaluated based on product portfolio breadth, technological innovation, and manufacturing capacity .

Applications

Passive optical devices are widely used in:

- Telecommunications: Optical fiber networks, directional couplers, and splitters
- Data Centers: High-speed connectivity and WDM systems
- Fiber Lasers and Sensing: Industrial and ultrafast fiber lasers, Lidar, and biomedical equipment
- Quantum Communication and Aerospace: Specialized PM components and optical systems These manufacturers provide both standard and customized solutions to meet diverse industry requirements, making them key players in the global optical communications ecosystem.

Article Content

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Global Passive Optical Device Market Research Report 2026

Major global manufacturers of Passive Optical Device include II-VI, Lumentum, NPTN, NEL, TDII, TFC, Accelink, O

Top Passive Optical Device Market Companies

Explore top Passive Optical Device market companies with rankings, profiles, SWOT analysis, and strategic outlook through 2032.

Top 100 Passive Components Manufacturers in 2026 | ensun

The company offers a wide range of passive optical components, including couplers, splitters, attenuators, and filters, designed for

Top 10 Companies in the Passive Fibers Industry (2025): Market

In this blog, we profile the Top 10 Companies in the Passive Fibers Industry —a group of material scientists,

Passive Optical Network Market

Compare market size and growth of Passive Optical Network (PON) Equipment Market with other markets in

Top 10 Passive Optical Network Companies Shaping the Future:

Discover the innovators and market leaders driving Passive Optical Network technology into a new era. Get expert insights into

Passive Optical Network (PON) Equipment Companies

This list of the top companies of Passive Optical Network (PON) Equipment is drawn from assessments by Mordor Intelligence

Top 10 Global Passive Components Manufacturers

The passive component industry has huge room for development. In this article, here are the top 10 global passive

Optical Passive Device Market 2025

The global optical passive device market features a mix of established players and emerging competitors, with the top five

Who are the Top Optical Transceiver Manufacturers□

Who are the Top Optical Transceiver Manufacturers? I have spent many years in the optical

Top 15 Fiber Optic Manufacturers (2026 Global Ranking)

An authoritative 2026 guide to the top 15 fiber optic manufacturers — from Corning and Prysmian to

Optical Passive Device Market 2026 to 2032

Optical Passive Device Market Insights Global Optical Passive Device market was valued at USD 8,139 million in

Passive Optical Device Market Report | Global Forecast From 2025

The passive optical device market exhibits moderate concentration with top five vendors controlling approximately 35-40% of global

Top 10 optical communication device manufacturers in the world 2024

Optical communication is the first major achievement of optoelectronics. It has the advantages of low loss, large capacity, strong

10 companies in the optical transceiver industry chain 2024

The optical module is in the middle of the industrial chain, and the upstream industry of

Passive Optical Component Market Size, Share | CAGR of 13.2%

A Passive Optical Component (POC) is a device used in optical communication systems that does not require any electrical power.

What Are Passive Optical Devices and Why Are They Essential in

Insertion Loss: Every passive device introduces some level of signal loss, though usually minimal. These limitations are typically

Passive Optical Components Market | Global Market Analysis Report

Passive Optical Components Market is expected to reach USD 210.4 billion and likely to surge at a CAGR of 12.5%

Passive Optical Chip Market 2025

MARKET INSIGHTS The global Passive Optical Chip Market was valued at 1306 million in 2024 and is projected to reach US\$ 2057

Passive Optical Component Market Size, Share & Forecast-2031

The global passive optical component market was \$39.4B in 2021 and is expected to hit \$172B by 2031, growing at a CAGR of

Top 24 Optoelectronic Devices Manufacturing Companies

Top 24 Optoelectronic Devices Companies 1. OSI Optoelectronics Website: osioptoelectronics Ownership type: Private

Top Passive Component Providers | Compare 107 Companies

Compare Passive Component providers listed in the Power Electronics Industry Directory. Browse the latest products and services

Optical Transceiver Companies

The optical transceiver market is valued at USD 13.6 billion in 2024 and is expected to reach USD 25.0 billion by 2029, growing at a

Passive Optical Devices | Springer Nature Link

In the present chapter we discuss the following passive optical devices that are of great importance in integrated optic sensors : 1

Who is Who in Passive Components Manufacturing

Overview database of passive components manufacturers, suppliers, its brief description, products, services, field of expertise

Passive Optical LAN (POL) Market Insights 2026–2035

Passive Optical LAN Market grows from USD 558.32M in 2026 to USD 4015.36M by 2035, driven by enterprise

Inven 2026

Top 24 Optical Materials Companies 1. Edmund Optics Website: edmundoptics
Ownership type: Private Headquarters:

Top 10 Leading Companies in the Global Optical Transceiver Industry

Here are the Top 10 leading companies in the global optical transceiver market, driving innovation, scalability, and

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Top 10 Passive Optical Network Companies Shaping the Future: Leaders to Watch Through 2030 Discover the innovators and

Passive Optical Device

Abstract Passive devices and circuits are the bedrock and framework of integrated photonic chips. They route, integrate, and

Passive Optical Components Market Market Size & Competitors

Global Passive Optical Components Market - Key Trends & Drivers Summarized How Are Passive Optical Components Powering

Optical Transceiver Market: Top 10 Manufacturers Ranked

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

10 companies in the optical transceiver industry chain 2024

The optical module is in the middle of the industrial chain, and the upstream industry of optical modules mainly

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