

French industrial-grade optical module production



Article Overview

France hosts a robust industrial-grade optical module production sector, with leading manufacturers like Gaggione and Laser Components France supplying high-precision lenses and optical systems for aerospace, automotive, telecommunications, and photonics applications.

Key Manufacturers and Capabilities

Gaggione is a world-renowned French manufacturer specializing in high-end optical components, including lenses, collimators, and light guides made from PMMA, PC, silicone, and other plastics. They provide both custom and standard optical solutions, leveraging over 70 years of expertise in plastic injection molding and optical design. Their R&D team collaborates closely with clients to develop tailored optical systems for medical, imaging, safety, architectural, and entertainment applications. Laser Components France, located near Paris, offers a broad portfolio of optical modules, including optosystems, infrared products, laser optics, and active components. The company benefits from France's well-developed photonics ecosystem, which includes over 1,000 companies generating €19 billion in turnover and employing 73,000 people. Their production supports sectors such as defense, space, aeronautics, and industrial automation, emphasizing research, innovation, and high-reliability optical solutions.

Industrial Applications...



Article Content

May 26, 2026

Fiber optic manufacturing company, fiber optic assembly company

IDIL company specialises in design, development, manufacture, distribution of fiber systems intended for use in the science, defence

Aug 15, 2025

Heliup switches on 100 MW lightweight solar panel factory in France

Heliup has commissioned a 100 MW factory in France to produce lightweight solar panels for flat commercial and

Apr 26, 2026

Advanced Optical Modules Market in France | Report

French industrial policy is incentivizing local assembly and testing of photonic modules through grants and tax credits,

Sep 11, 2025

photonixFAB

The objective of this EU-funded project is to establish a European photonics device value chain and initial industrial

Dec 13, 2025

Industrial Lenses Manufacturers & Factories in France

French research institutions and technology centers, such as CEA-Leti in Grenoble, collaborate closely with industrial lens

Jun 20, 2026

Industrial Grade Optical Modules Market 2026

China-based manufacturers now account for 28% of global production capacity, with Eoptolink and AscentOptics expanding into

Mar 28, 2026

Custom precision optics | Wintech Groupe

Wintech Groupe is one of the rare French companies skilled in the use of ULTRASONIC machines for the manufacturing of custom

Aug 01, 2025

Fiber Optics Group

Founded in 1995, IDIL is a French company specializing in the engineering, design, and manufacturing of cutting-edge fiber optic

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Optical fibres Manufacturer/producer France

81 suppliers for optical fibres Manufacturer/Producer Find wholesalers and contact them directly B2B marketplace Find companies

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Precision optics – PO .O, your precision optics manufacturing and ...

By using the services of our company for precision optics manufacturing, you will have a team at your disposal and a high reactivity.

Dec 17, 2025

Carbon aims to start 500 MW pilot production at module factory in France

French solar module manufacturer Carbon has revealed it plans to start pilot production at its vertically integrated

Dec 19, 2025

Top 100 Optics Manufacturers in France (2026) | ensun

Imagine Optic specializes in wavefront sensing and adaptive optics, providing advanced optical metrology solutions, including high

May 25, 2026

Optics Manufacturer/producer France

For over 20 years, LUXERI has specialized in the custom manufacturing of fiber optic lighting solutions, optical guides, and optical

Jan 30, 2026

Top 10 Optical Module Brand & Manufacturers

This section provides a list of the top 10 Optical Module manufacturers, Website links, company profile, locations is provided for each

Sep 12, 2025

10 companies in the optical transceiver industry chain 2024

The rapid development of AIGC has promoted the demand for 800G optical modules, and the entire industrial chain

Mar 29, 2026

Optical Modules Market Research Report 2034

Optical Modules Market Outlook 2025-2034 The global optical modules market was valued at \$14.8 billion in 2025 and is projected to

Aug 27, 2025

Top Fiber Optic Cable Manufacturers in France

When exploring the fiber optic cable industry in France, several key considerations come into play. France has a well-established

Dec 04, 2025

OTéo

From precision optics manufacturing to design and optical systems construction, our team integrates complex optics, either

Mar 02, 2026

Laser Components

We manufacture and distribute components for the photonics industry. Our product range extends from optical to

Oct 24, 2025

Industrial Lenses Manufacturers & Factories in France

We provide localized support, rapid delivery to French industrial centers, and custom optical solutions designed specifically for the

Aug 08, 2025

Industrial Grade Optical Module Market | Size & Outlook 2035

The Industrial Grade Optical Module Market Size was valued at 2,530 USD Million in 2024. The Industrial Grade Optical Module

Mar 01, 2026

France's Solar Supply Chain: A Guide for Manufacturers

Aluminum Frames: A Growing Capability The structural frame of a solar module provides rigidity and protection. In

Jul 19, 2026

Optical Machining & Module Production Services

Yighen offers full-cycle optical machining services across glass and polymer materials, delivering high-precision components and

Mar 25, 2026

Fiber Optic Cables Suppliers in France

Fiber Optic Cables Suppliers in France Fiber optic cables are composed of one or more transparent optical fibers enclosed in

Jan 20, 2026

LASER COMPONENTS France

LASER COMPONENTS France keeps strong business relationship to many leading industrial manufacturers and the academic

Jan 15, 2026

Optical Module Production Technical Requirements

This article focuses on the key points of optical module processing and manufacturing process control, and how to

Sep 05, 2025

Global Perspectives on Industrial Grade Optical Modules Growth:

The Industrial Grade Optical Modules market is booming, projected to reach \$3.7 billion by 2033, driven by 5G, cloud

Jul 05, 2026

Optical Modulators Market Trend, Outlook, Forecast 2025-2035

Optical Modulators Market Size and Share Forecast Outlook (2025 to 2035) The deployment of high-speed optical

Sep 11, 2025

Industrial Grade Optical Modules Market Outlook 2026-2034

Global Industrial Grade Optical Modules market was valued at USD 1.85 billion in 2025, projected to reach USD 3.47

Oct 06, 2025

French Photonics Manufacturers (2026) | papaverAI

France's photonics sector counts 1,051 companies and roughly EUR 19B in turnover. Here is how French laser, fibre and optics

Contact Us

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