Russian companies that manufacture optical modules



Overview

Home Optical Products Factory, LLC is a reliable manufacturer which delivers a service all over the world. There is a wide use of our products in different.

Key Takeaways

Key Russian manufacturers of optical modules include Atlant Optics, Optical Products Factory, BelOMO, LOMO, and Alkor Technologies, each offering specialized optics for industrial, scientific, defense, and aerospace applications.

Leading Manufacturers

Atlant Optics specializes in high-precision optics, optomechanical units, and electro-optical systems for science, aerospace, defense, medical, and laser applications. They provide a full technological cycle for IR optics, from crystal growth via CVD to finished optomechanical systems. Their production includes micro-optics, aspheric lenses, spherical lenses, polished domes, off-axis mirrors, prisms, wedges, and cylindrical lenses made from materials like glass, quartz, Ge, Si, ZnSe, and ZnS, with capacities up to 2000 pieces per month.

Optical Products Factory, LLC manufactures optical components for industrial and scientific optoelectronics, astro optics, acousto-optics, terahertz systems, and sensors. They serve global markets and focus on high-quality optical products using modern equipment and technologies. BelOMO (Minsk Mechanical Plant, established 1957) is a historic leader in optical production, particularly for military optics.



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They produce a wide range of magnified and non-magnified optics, including POSP series, PK-A, PK-AA, PK05, and PK01 optics, as well as scopes for rifles like the SVD Dragunov.

LOM

O is a major Russian enterprise producing optical, optoelectronic, opto-digital, and optomechanical systems. They focus on research and development of next-generation optical systems and maintain advanced production technologies and professional expertise for both civilian and defense applications. Alkor Technologies manufactures precision optical components in Saint Petersburg, including windows, lenses, prisms, beamsplitters, mirrors, and interference filters.

They work with over 20 optical materials covering UV, visible, and IR ranges, and provide custom solutions for laser systems, thermal imaging, and UAV applications, adhering to ISO 9001: 2015, MIL, and GOST standards.

Summary

These manufacturers collectively cover a broad spectrum of optical technologies, from infrared and UV optics to precision lenses, prisms, and electro-optical systems. They serve diverse sectors including defense, aerospace, scientific research, medical devices, and industrial applications, making Russia a significant player in the global optical industry. Each company offers specialized capabilities, from custom optical design and crystal growth to high-precision assembly and coating technologies.

Article Content

7 Top Optics Manufacturing Companies in Russia:

7 Top Optics Manufacturing Companies in Russia - Kazan Optical-Mechanical Plant, Krasnogorsky Zavod, LOMO, Lytkarino Optical Glass Plant

About the Company | Abris Optics

Abris Optics is a leading manufacturer of optical components in St. Petersburg with 20 years of experience in the optics market. The company specializes in the development and production of a

About company

«Atlant Optics» LLC is one of the leading Russian manufacturers of high-precision optics, optomechanical units, and electro-optical systems for science, aerospace and defense industries,

List of Optical companies in Russian Federation

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Alkor is a modern optical plant supplying components for different spheres of life. We supply windows, lenses, prisms, ATRs, beamsplitters, mirrors, polarizers and filters wide range devices such as:

Top 6 Photonics Companies in Russia (2026) | ensun

Key takeaway FORC-Photonics is a Russian manufacturer that specializes in advanced fiber optics technology, offering a variety of products such as fibers, fiber Bragg gratings, and high-temperature

Crystaltechno company

Crystaltechno LLC is one of the leaders in the Russian market for the production of CVD-ZnSe crystals (zinc selenide), sapphire (Al2O3), CVD-ZnS (zinc sulfide), MgF2 (magnesium fluoride), LiF (lithium

New Laser Technology

New Laser Technology Joint-stock company "NOLATECH" (New Laser technology) - leading enterprise in the field of development and manufacturing of semiconductor lasers and laser modules for a fiber

AtlantOptics

"Atlant Optics" LLC is one of the leading Russian manufacturers of high-precision optics, optomechanical units, and electro-optical systems for science, aerospace and defense industries,

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 involving optical components,

Manufacturers

There have been a wide variety of Russian, former Soviet and other ''combloc'' optic manufacturers over the years. A very informative WW2-ish era list is HERE compiled by BADGER of milsurps Some

Latest Ranking Of Top 10 Global Optical Module Suppliers

Recently, LightCounting, a well-known market research organization in the optical communication industry, released the latest issue of its market report and updated the TOP10

Top 10 Electronics Manufacturers in Russia in 2025

Looking for reliable electronics manufacturers in Russia? Check out the top 10 companies shaping the future of PCB production and innovation in 2025.

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The Launch of Russian Laser Diode Manufacturer

Maiman Electronics LLC is a Russia-based company that specializes in the development and manufacture of laser diode drivers. The company has partners across various industries from

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 Keywords.

In Optics

ABILITIES RUSSIAN MANUFACTURER The main activity of the company is growing zinc selenide optical materials for use in the IR range and the production

Top 10 Electronic Components Distributors in Russia

But while the semiconductor industry in Russia is growing, there is still a need for reliable distributors who can provide high-quality electronic components to manufacturers, designers, and

List of Optical Equipment Companies in Russian Federation

List of Optical Equipment Companies in Russian Federation, Suppliers, Distributors, Manufacturers, Importer. Include The Center For Analysis Of Substances, Vologda Optical-and-mechanic Plant, .

Top 24 Optoelectronic Devices Manufacturing Companies

Top 24 Optoelectronic Devices Companies 1. OSI Optoelectronics Website: osioptoelectronics Ownership type: Private Headquarters: Hawthorne, California, United States (USA) Employee

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