

Article Overview

Latvia hosts several advanced fiber optic manufacturers offering direct-from-factory solutions, including CeramOptec, Fiber Optical Solution, DEREK, and Lightguide.

Leading Manufacturers and Capabilities

CeramOptec specializes in high-performance optical fibers and fiber optic systems for industrial, medical, and research applications. They offer fully in-house production from raw materials to application-ready OEM solutions, ensuring precision and reliability. Their Latvian production facilities support custom fiber assemblies, including complex applications like semiconductor processing, nuclear environments, and analytical diagnostics, with global shipping options . Fiber Optical Solution (FOS) focuses on navigation-grade Fiber Optic Gyroscopes (FOG) and FOG-based Inertial Measurement Units (IMU). Their vertically integrated production in Riga includes polymeric coating, fiber drawing, and precise measurement of optical components. FOS also manufactures integrated-optical elements using niobate crystal wafers and advanced electro-optic modulators, making them a leader in high-precision fiber optic devices . DEREK provides fiber optic network construction and system engineering services. They specialize in laying fiber-optic conduits across diverse terrains and offer end-to-end solutions for communication, energy, and transport infrastructure. DEREK combines technical expertise with specialized machinery to deliver large-scale fiber optic projects efficiently . Lightguide operates a European-based optical fiber production lab, producing optical fibers, fiber bundles, cables, and laser delivery systems. With decades of experience, they focus on custom solutions for scientific, industrial, and medical applications, emphasizing innovation and high-quality standards .

How to Access Direct-from-Manufacturer Solutions

- o Contact the companies directly via their websites to inquire about custom fiber arrays or bulk orders.
 - o Specify application requirements, such as fiber type, coating, or integration with measurement systems.
 - o Leverage vertical integration offered by these manufacturers to reduce costs and ensure quality control.
- Latvia's fiber optic industry combines advanced production technologies, vertical integration, and international shipping, making it an ideal source for high-quality fiber optic arrays directly from the manufacturer .

The Latvian State Radio and Television Center (LVRTC) has established an extensive optical fiber communication

SQS specializes in custom fiber optic products and laser systems. Discover our V-groove & 2D matrix fiber arrays, feedthroughs,

New Latvian Fiber Optic Array

Tet has built a nationwide Fibre to the Home (FTTH) network covering more than 530,000 (72%) of Latvian

Main production: - Single-axis and 3-axis Fiber-optic Gyroscopes - Inertial Measurement Units - Strapdown Inertial Navigation

PHIX offers v-groove optical fiber arrays from stock, suitable for assembly to photonic integrated circuits

Latvia photonics firms and research overview. For PDF. Catalog of photonics businesses and research institutes and centers in

Yuri Korkishko, CEO Fiber Optical Solutions, presented a series of new single-axis fiber

Optical fibers & OEM fiber assemblies - precisely manufactured for laser technology, industry, medical

Want to Find More Fiber Optic Cable Manufacturing Companies? If you want to find more companies that provide optical cables and

Our European-based company is committed to providing cutting-edge optical fibers, fiber bundles, cables,

Founded in 2018 in Riga, Latvia, the company focuses on delivering high-performance fiber optic products and

"Fiber Optical Solution" is vertically integrated company specializing in high precision Fiber Optic

This buyer's guide for fiber arrays provides technical background, comparison of major types, selection criteria, and an overview of

The leading Fiber Optic Cable Manufacturers in LV, Latvia are listed in this directory. You can narrow down the list of manufacturers

Optical Solutions Latvia Ltd. specializes in infrared optical components and optical assemblies, located in middle of Europe, in Riga,

"Fiber Optical Solution" is vertically integrated company specializing in high precision Fiber Optic Gyroscopes (FOG) production. The

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