

Swedish fiber optic sensor manufacturer



AI Overview

NorthLab Photonics, Micropol Fiberoptic AB, and MicroComp Nordic AB are leading Swedish companies providing fiber optic sensor and switch solutions. NorthLab Photonics Based in Stockholm, NorthLab Photonics specializes in advanced fiber optic solutions for R&D, manufacturing, and industrial applications. They offer custom fiber optic assemblies, including fused fiber bundles, optical combiners, and mode field adapters. Their technologies support high-precision sensor systems and fiber processing tools, with applications in photonics, aerospace, defense, and healthcare. NorthLab also provides training, certified repair, and support for fiber optic equipment, making them a strong choice for both research and industrial sensor applications. Micropol Fiberoptic AB Micropol Fiberoptic AB focuses on high-precision passive fiber optic solutions and compact sensor systems. Their products are used in telecom, data communication, industrial, medical, and military applications. Micropol is known for customized fiber optic solutions with short lead times and high quality, making them suitable for complex sensor switch requirements where precision and reliability are critical. MicroComp Nordic AB MicroComp Nordic AB provides fiber optic components and subsystems, including RF over fiber solutions, desktop amplifiers, and radar-related fiber optic systems. They specialize in designing and consulting for fiber optic sensor and RF applications, serving military, cellular communication, and research institutions. Their expertise includes software integration and real-time data acquisition, which is valuable for advanced sensor switch systems. Summary For Swedish fiber optic sensor switch solutions, these companies offer a range of capabilities: NorthLab Photonics: Custom fiber assemblies, high-precision sensor tools, industrial and research applications. Micropol Fiberoptic AB: Compact, high-precision passive fiber optic solutions for industrial, medical, and military use. MicroComp Nordic AB: RF over fiber, sensor subsystems, and consultancy for advanced fiber op...

Article Content

Fiber Optic Temperature Sensor Manufacturers, Suppliers And

Fiber optic sensors manufacturer offering solutions for Oil & Gas, Aerospace & Defense, civil engineering, geotechnical and other industries. Opsens Solutions, a divisions of Opsens Inc.,

Micropol Fiberoptic AB

Micropol Fiberoptic AB Micropol is a Swedish manufacturer of communication solutions based on fiber optics. Serving defense organizations and solution providers, Micropol meets the highest standards

Top 92 Photonics Companies in Sweden (2026) | ensun

NorthLab Photonics AB specializes in fiber optic tools and technologies, providing advanced solutions for optical fiber preparation and fusion splicing. Their expertise and innovative products are utilized in

Fiber optic sensors

At RISE, we develop fiber-optic sensors for applications in, e.g. healthcare, infrastructure, energy and process industry. Common to the systems is that an optical fiber is in the core of each system.

Fiber Optic Sensors for Infrastructure | NorthLab Photonics

NorthLab Photonics provides advanced systems for production and development of fiber optic sensors, designed for a variety of applications within air & space, oil & gas, defense, medical, structural

Cutting-Edge Fiber Optic Solutions | NorthLab Photonics

At NorthLab Photonics, we are pioneers in advanced fiber optic solutions, delivering unmatched precision and reliability. With over a decade of experience, we serve industries with complex

Cutting-Edge Fiberoptic Sensing | FiSens GmbH

FiSens develops, manufactures, and markets accurate fiberoptic sensor solutions based on fiber Bragg grating (FBG) sensor arrays and fiber-integrated spectrometers.

Top 62 Optical Sensor Manufacturers in Sweden (2026) | ensun

When exploring the Optical Sensor industry in Sweden, several key considerations emerge. Sweden is known for its strong emphasis on innovation and sustainability, which drives the demand for

Top Fiber Optic Cable Manufacturing Companies in Sweden

When exploring the Fiber Optic Cable Manufacturing industry in Sweden, key considerations include regulatory compliance, technological advancements, and market dynamics.

RISE Research Institutes of Sweden, profile with contact details and

This is the supplier profile of RISE Research Institutes of Sweden, with address and other contact information, and with 15 registered photonics product categories.

Home | OZ Optics Ltd.

In addition to designing and manufacturing components and test equipment for fiber optics markets, the company offers award-winning fiber optic sensor systems for remote monitoring of oil and gas

Sweden Substation Temperature Monitoring System Manufacturers | Fiber ...

Substations in Sweden require continuous thermal monitoring to prevent cable insulation breakdown and switchgear failure in cold-climate operating conditions. Distributed Temperature

Laser Components

+ LASER COMPONENTS Nordic is your partner for detectors, emitters, fiber optics, and optics. The applications for laser optics and optoelectronics are as diverse

A Guide to the Swedish 5G, Fiber, and IoT Connectivity Market

Sweden is embracing IoT technologies across multiple industries, creating opportunities for foreign companies to introduce solutions tailored to this digitally mature market. Manufacturing: Smart

TechOptics

The Hexatronic Group In 2020 Tech Optics became a part of the Hexatronic Group. Hexatronic is a technology group which specialises in fibre optic communications providing a complete range of

Fiber optics

RISE has been active in fiber optics since the early 1990s. Our expertise covers the entire chain of fiber optic technologies from specialty fiber manufacturing, design

Fiber Bragg Grating Technology | Fiber Optics

Industrial Manufacturing & Energy – fiber sensors for process monitoring & optimisation, cryogenic infrastructure control, and safety control systems.

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distributed optical fiber sensor Companies and Suppliers ...

Distributed Temperature Fiber Optic Sensor Cables (DTS) This technology makes use of fiber optic sensor cables, typically over lengths of several kilometers, that function as linear temperature

Fiber Bragg Grating Technology | Fiber Optics | Proximion Sweden

At Proximion, we specialize in the development and manufacture of advanced fiber-optic components, modules, and sensing systems for telecommunications, industrial, scientific, and defence applications.

Top 34 Sensor Companies in Sweden

Top Sensor Companies In Sweden Browse 34 Sensor companies in Sweden, including 34 with websites, 33 with employee estimates, 30 with contact signals. Featured companies include

KEYENCE CORPORATION OF AMERICA

Sensors, machine vision systems, measuring instruments, barcode readers, PLCs and other factory automation sensor products. KEYENCE America.

Fiber Optic Cable Manufacturers

The leading Fiber Optic Cable Manufacturers are listed in this directory. You can narrow down the list of manufacturers based on their location and capabilities, browse their product catalogs, view their

Contact Us

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