

Article Overview

Key Swedish suppliers of fiber optic sensors include NorthLab Photonics, MicroComp Nordic AB, RISE, and Micropol Fiberoptic AB, offering custom solutions, advanced sensor technologies, and specialized support.

NorthLab Photonics

Based in Stockholm, NorthLab Photonics specializes in advanced fiber optic solutions for industries such as aerospace, defense, healthcare, and research institutions. They provide custom fiber optic assemblies, including fused fiber bundles, optical combiners, and mode field adapters. NorthLab also offers expert training, splicing services, and certified repair for fiber optic equipment, supporting both R&D and high-volume production needs .

MicroComp Nordic AB

MicroComp Nordic AB focuses on microwave and fiber optic components, including RF over fiber systems, desktop amplifiers, and radar products. They serve military, cellular communication companies, universities, and testing labs. Their expertise includes software libraries for SDR applications and consultancy in fiber optics, data acquisition, and signal processing .

RISE (Research Institutes of Sweden)

RISE Fiberlab develops and manufactures custom-designed optical fibers and fiber optic sensors, including FBG sensors and DAS technology. They specialize in solutions for harsh environments, medical technology, and industrial monitoring. RISE supports projects from prototype to production, offering real-time data collection for AI analysis and predictive maintenance .

Micropol Fiberoptic AB

Micropol Fiberoptic AB provides high-precision, compact passive fiber optic solutions for telecom, industrial, medical, and military applications. They are known for customized applications, short lead times, and high-quality production, making them suitable for complex sensor systems .

Additional Options

For standard fiber optic sensors and quick procurement, Farnell Sweden offers a wide inventory of fiber optic sensors with datasheets, technical support, and fast delivery . These suppliers collectively cover a broad spectrum of fiber optic sensor needs, from custom R&D solutions to industrial-scale production, and are well-suited for applications requiring high precision, durability, and specialized functionality.

Autonics provides a wide variety of sensors including proximity sensors, photoelectric sensors, fiber optic sensors, and pressure

Find Economical Suppliers of Fiber Optical Cable: 200 Manufacturers in Sweden based on Export data till Feb-26: Pricing, Qty,

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

Welcome to LASER COMPONENTS Nordic. We manufacture and distribute components for the photonics

RISE Fiberlab offers custom optical fibers, from R&D to pilot production. Our fiber sensing experts develop innovative solutions,

Want to know more or book a visit to our lab in Stockholm? Fill in the form and we'll get back to you shortly. Discover fiber optic

Omniray - Creating ValueOmniray Group is a value adding technical distributor providing products and solutions to industrial R&D

Micropol Fiberoptic AB Micropol is a Swedish manufacturer of communication solutions based on fiber optics. Serving defense

It may not be visible to the eye, but Sweden's fiber optics infrastructure is one of the corner

This buyer's guide for fiber-optic sensors provides technical background, comparison of major types, selection criteria, and an

When exploring the Fiber Optic Cable industry in Sweden, several key considerations come into play. The regulatory framework is

In Sweden, the Fiber Optic Telecommunications industry is shaped by several key considerations that potential entrants should be

6Wresearch actively monitors the Sweden Optical Sensor Market and publishes its comprehensive annual report, highlighting

The Distributed Fibre Optic Sensor (DFOS) market is experiencing significant growth driven by



Swedish Fiber Optic Sensor Distributor

advancements in

Our vision for Optics and Photonics is having a strong impact on a viable, expanding and profitable Swedish industry based on

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