

Canadian Fiber Optic Sensor Sales Manufacturer



AI Overview

Leading Canadian fiber optic sensor manufacturers include OZ Optics, Opsens, ITF Technologies, and OSENSA Innovations, offering solutions for industrial, medical, and infrastructure applications. Key Manufacturers and Their Offerings

OZ Optics Limited – Based in Ottawa and established in 1985, OZ Optics is a global supplier of fiber optic products. They design and manufacture fiber optic sensor systems for remote monitoring of pipelines, wells, refineries, bridges, dams, security fences, and fire detection systems. Their sensors are widely used in oil and gas, civil infrastructure, and security applications.

Opsens – Specializes in fiber optic sensors for interventional cardiology (FFR), oil and gas, and industrial applications. Opsens provides high-precision solutions for both medical and industrial monitoring, including pressure and temperature sensing.

ITF Technologies – Offers components and modules for building FBG (Fiber Bragg Grating) sensors and high-power fiber lasers. Their products support industrial sensing applications requiring high reliability and precision.

OSENSA Innovations – Provides fiber optic temperature sensors and related monitoring solutions for industrial and critical infrastructure applications. They have a network of distributors across Canada and offer technical support for sensor integration.

Additional Suppliers – Companies like TeraXion and Max. Teledyne DALSA also contribute to the Canadian optical sensor market, offering photonic components, fiber Bragg gratings, and high-performance optical systems suitable for industrial and autonomous vehicle applications.

For purchasing and technical specifications, distributors like Mouser Electronics Canada provide a wide range of fiber optic sensors with datasheets and inventory information.

Applications Canadian fiber optic sensors are used in: Industrial automation – monit...

Article Content

Fiber optic sensors and fiber optics | Baumer Canada

A fiber optic sensor and two fiber optics made of plastic or glass fibers make up a fiber optic system. The sensor contains a light source (transmitter), typically an LED, and a photodiode (receiver).

Fibre Optic Sensors | KEYENCE Canada

KEYENCE Canada provides Fibre Optic Sensors; Perform high-performance, high-speed detection with optical fibres designed to be used in a variety of

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Detailed info and reviews on 17 top Sensors companies and startups in Canada in 2026. Get the latest updates on their products, jobs, funding, investors, founders and more.

Company Overview | OZ Optics Ltd.

Located in Canada's capital city of Ottawa and established in 1985, OZ Optics Limited is a leading worldwide supplier of fiber optic products for existing and next-generation optical networks.

Canada Fiber Optic Supplier

Pearlyond Technologies Canada is a leading fiber optic supplier specialize in manufacturing and sales of fiber optic patch cords and fiber optic test equipment, the company is well known for the quality

ITF Technologies

ITF Sensor offers all components and technology needed to build reliable FBG Sensors for industrial and other sensing applications.

Fiber Optic Cables Suppliers in Canada

Locate Fiber Optic Cables suppliers, manufacturers & distributors in Canada. Interactive map of Canada provided.

Fiber Optic Sensors | Newark Electronics Canada

Buy Fiber Optic Sensors. Newark Electronics Canada offers fast quotes, same day dispatch, fast delivery, wide inventory, datasheets & technical support.

Home | OZ Optics Ltd.

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Simbol Test Systems Inc.

Our highly trained staff provides quality, cost-effective and timely services for any kind of fiber optic instruments such as Optical Spectrum Analyzers, Wavelength Meters and Tunable Laser Sources.

OZ Optics Ltd.

OZ Optics Ltd. | 6,474 followers on LinkedIn. OZ Optics Limited is a leading worldwide supplier of fiber optic products, test equipment and sensors | OZ Optics Limited is a leading worldwide supplier of

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Discover all relevant Fiber Optic Cable Manufacturers in Canada, including Canadian Fiber Optics and Fibertel Communications Canada Inc.

Online Bulk Cable Company | CableWholesale

As a premier online bulk cable company, CableWholesale carries a large inventory of computer cables, USB, HDMI, fiber optic, VGA cables, and more. Shop now!

7 Leading Canadian Manufacturers of Fiber Cable

Gcabling, as a leading fibre cable manufacturer with 15+ years of experience, has collected and listed top 7 Canadian optical cable manufacturers in this post. In the post, we will take

Fiber Optic Sensors | Suppliers

A fiber optic sensor is a device that uses optical fibers to detect and measure physical, chemical, biological, or environmental parameters. Unlike traditional electrical sensors, fiber optic sensors

Fiber Optic Sensors - Mouser Canada

Fiber Optic Sensors are available at Mouser Electronics. Mouser offers inventory, pricing, & datasheets for Fiber Optic Sensors.

Specialty Optical Fibers | Coherent

Coherent Specialty Optical Fibers provide a range of SM, MM, and PM fiber for laser and amplifier, beam delivery, geophysical sensing,

List of Canadian Fiber Optics Companies

Featured in this category are fiber optics suppliers in Canada, providing solutions for high-speed data transmission and telecommunications. These suppliers offer products that enhance connectivity and

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Opsens fiber optic sensor company for FFR and Oil & Gas. Fiber optic sensors manufacturer offering solutions for interventional cardiology Fractional Flow Reserve FFR, Oil and Gas and industrial

optical-fiber-sensor Companies and Suppliers in Canada | ...

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

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