

Article Overview

FISO Technologies, AFW Technologies, and IPD are among the original fiber optic sensor manufacturers in Australia.

FISO Technologies

Founded in 1994, FISO Technologies Inc. is a leading developer and manufacturer of fiber optic sensors and signal conditioners. The company specializes in measuring parameters such as temperature, pressure, displacement, strain, load, and refractive index, even in harsh or hazardous environments. FISO serves industries including medical, process control, energy, and research laboratories. It is part of Roctest and has ISO 9001:2015 and ISO 13485:2016 certifications, ensuring high-quality manufacturing standards .

AFW Technologies

AFW Technologies Pty Ltd, established in 2001, is an Australian-owned supplier and manufacturer of fiber optic and micro-optic products. AFW provides components for telecommunications, medical systems, defense, fiber lasers, sensing, and research applications. The company operates manufacturing facilities both in Australia and overseas, offering custom solutions and high-quality fiber optic products with strong design and engineering support .

IPD

IPD is an Australian company that engineers and manufactures custom electrical products, including fiber optic sensors. They focus on compliant and innovative solutions tailored to local industry needs, providing reliable and durable sensor systems .

Bestech Australia

While Bestech Australia supplies fiber optic sensors based on Fibre-Bragg Grating (FBG) technology, their focus is primarily on instrumentation and monitoring solutions for strain, displacement, temperature, acceleration, and tilt. They also provide specialized interrogators for signal conditioning, suitable for extreme environments .

Summary

For original fiber optic sensor manufacturing in Australia, FISO Technologies, AFW Technologies, and IPD are the primary companies with a history of domestic development and production. These manufacturers offer

a combination of custom engineering, high-quality production, and specialized solutions for industrial, medical, and research applications, making them key players in the Australian fiber optic sensor market.

Trusted fibre optic supplier in Australia since 1988. Anderson Corporation provides cables, SFPs, test equipment & connectivity

HAWK's Fiber Optic Sensing Solutions HAWK's Praetorian Fiber Optic Sensing System is the only system on the market that offers a

Media Release Naval Group Pacific, in partnership with the ARC Training Centre for Automated Manufacture of Advanced

Here we showcase some of our special sensor projects that will present our capabilities, the unique blend of engineering talent, fiber

18 Fiber Optic Sensor Manufacturers in 2026 This section provides an overview for fiber optic sensors as well as their applications

Future Fibre Technologies is a leader in intrusion detection systems, offering fibre optic security system solutions for pipeline, fence,

Professional tools and PoE solutions by an optical fibre and network comms specialist. Laser systems, fusion splicers,

Find Australia fiber optic sensors manufacturers on ExportHub . Buy products from suppliers of Australia and increase your sales.

Our range of fibre optic sensors cover measurement for strain, displacement, temperature, acceleration as

Ruggedised fibre optic solutions for mining, defence, industrial and enterprise networks,

How Fibre Optic Sensors Work A fibre-optic sensor system is a technology that consists of a fibre-optic cable connected to a remote

The DTSX fiber optic temperature sensor, which uses optical fiber for the temperature sensor, quickly

A fiber optic sensor is a device that uses optical fibers to detect and measure physical, chemical, biological, or environmental



Australian Fiber Optic Sensor Manufacturer

When exploring the Optical Sensor industry in Australia, several key considerations should be taken into

We are breaking down the barriers for effective sensing at scale across cities and marine environments,

Founded in 2001, AFW Technologies Pty Ltd is a fibre optic and micro optic products supplier. Australian owned, with manufacturing

Web: <https://in-au.co.za>

