

Article Overview

Notable Armenian manufacturers of fiber optic sensors include PSI (Precision Sensors & Instruments) and Datacom, both offering high-performance sensing and fiber optic solutions.

Key Manufacturers

1. PSI (Precision Sensors & Instruments) PSI is an Armenian technology development and production company established in 2008. They specialize in high-performance sensors, including fiber optic-based systems, developed from technologies invented by Armenian scientists. PSI sensors are used in border security, medical diagnostics, oil and gas exploration, and other industrial and scientific applications. Their products can function as standalone systems or be integrated into third-party systems, offering customizable solutions for specialized applications . 2. Datacom Datacom provides fiber optic cabling and structured cabling solutions in Armenia. While primarily focused on network infrastructure, they also offer fiber optic installation, design, and maintenance services, including SM/MM fiber optics and various terminations (SC, ST, LC, FC, HT-RJ). Datacom supports high-performance and reliable fiber optic systems for industrial, commercial, and enterprise applications, making them a key player in the Armenian fiber optic sector .

Additional Context

While other Armenian industrial companies exist, such as those listed in local manufacturing directories, PSI and Datacom are the most prominent in the fiber optic sensor and high-performance optical systems market. PSI focuses on sensor development and high-tech applications, whereas Datacom emphasizes installation and integration of fiber optic networks, which can include sensor systems in industrial or infrastructure projects . These companies provide a combination of custom development, high reliability, and advanced technology, making them suitable partners for projects requiring fiber optic sensing, monitoring, or data transmission solutions in Armenia.

Distributed Fiber Optic Sensor industry insights on factors that are driving the growth of the Distributed Fiber Optic Sensor Market

Datacom provides structured cabling solutions with cost-effective, high-efficiency passive equipment,

Based in Armenia, the company specializes in high-performance aluminum- and copper-coated optical fibers, fiber optic probes,



Armenian fiber optic sensor manufacturer

Fiber optic networks are very sensitive to environmental influences. Contamination and mechanical stress arising

World-Class Fiber Optic Sensing Solutions FISO is a leading developer and manufacturer of fiber optic

MEGACOM FIBER-OPTIC CABLE SHOPS / FIBER-OPTIC CABLES SHOP OPTIC CABLES (SHOPS)
FIBRE-OPTIC CABLE

Fsenz designs and manufactured fiber optic sensor system for measurement of physical parameters i.e temperature, stress, strain,

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Design and Construction of Fiber-Optic Networks SP NETWORK is a leading importer and supplier of fiber-optic systems, offering

Our origins and special knowledge: Optoelectronics, fiber optic modules and devices. We manufacture mechatronic assemblies for

Armenia Distributed Fiber Optic Sensor Oil & Gas Market: Import Trend Analysis The Armenia distributed fiber optic sensor oil & gas

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

Planet Fiber is a supplier offering a wide range of products, including advanced telecom solutions, network equipment, security

Team Telecom Armenia announced the expansion of coverage of its unique regional fibre optic NGN network

Fiber SenSys® Inc., (FSI) is the market-leading manufacturer of fiber-optic intrusion detection systems for outdoor perimeters and

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

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