

French manufacturer of stress-sensing optical cable sizes



Overview

Since 1986, JENOPTEC NT, based in Buc (78) in the heart of the Yvelines, has specialised in fibre-optic and optoelectronic solutions for harsh and demanding environments. Along the years, Prysmian has developed several Fiber Optic Cables for special applications, contributing to our extensive expertise in fiber-optic technology. The widest range of products, services, technologies and know-how. Jul 07, 2026 | Shares Buy-Back Jul 06, 2026 | Corporate Jul 01, 2026 | Corporate Jun 30, 2026 | Transmission Welcome to Prysmian: the world leader in cable. Hybrid cables are available for voltages up to 1000 VAC or 1500 VDC and enable the transmission of up to 24 kW with just a 6mm diameter cable. For application examples and reference projects from Solifos, please. France's sensing cable market is projected to grow at a compound annual rate of approximately 8-10% between 2026 and 2035, driven by mandatory safety retrofits in transportation tunnels and the expansion of smart-grid monitoring across the national power distribution network. Fiber optic sensing. FEBUS Optics is the world reference in DFOS, distributed fiber optic sensing systems (DAS, DTS and DSS), to reduce the environmental impact of human activity, protect people, and optimize production.



Article Content

Top 100 Custom Cable Manufacturers in France (2026) | ensun

CABLE de FRANCE specializes in high-quality cables and connection materials for energy, communication, and data transmission, all manufactured in France to meet strict ISO 9001 and ISO

FEBUS Optics

FEBUS Optics is the world reference in DFOS, distributed fiber optic sensing systems (DAS, DTS and DSS), to reduce the environmental impact of human activity, protect people, and optimize production.

Distributed Fiber Optic Sensing Solutions | AP Sensing

We create the most compelling fiber optic sensing solutions, empowering the world optimize assets, protect lives and the environment.

Sensor cables with state-of-the-art fiber optic sensors | Solifos AG

Strain sensor cables are used in most cases. For reliable installation and operation of fiber optic sensing solutions, precisely engineered

Fiber-optic cables

Together with the right fiber optic amplifier, optical fiber cables are crucial for mastering complex detection tasks in automation technology. Optical fiber cables

Sensor cables with state-of-the-art fiber optic sensors

Based on our extensive experience in the area of distributed fiber-optic sensing, we offer a large selection of specialty sensing cables as well as expert advice to

Fiber Optic Sensing

A Fiber Optic Acoustic Sensor is an advanced fiber-optic sensing technology. Unlike traditional sensors that measure at specific points, distributed acoustic sensing

Fiber Optic Sensing Cable in Industrial Environments

Distributed sensing cable can take one of several technological forms, and can be used in many applications.

Prysmian | Cables, Energy & Telecom Solutions | Prysmian

Welcome to Prysmian: the world leader in cable manufacturer, energy solutions, telecom cables and systems industry. Find out more!

Distributed Fiber Sensing Cables | Fiber Optic Sensing Cable

Our distributed sensing cables provide optimized monitoring of your critical harsh environment infrastructure. Distributed sensing is a technology that enables continuous measurements along the

Optical Fiber Sensors and Sensing Networks: Overview

Optical fiber sensors present several advantages in relation to other types of sensors. These advantages are essentially related to the optical fiber

Flexible Optical Fiber Sensing: Materials,

Flexible optical fiber sensors benefit from both technology-merits of optical fiber sensing and flexible materials. They utilize specially designed polymer materials

Sensing Cable Market in France | Report

France represents one of the largest sensing cable markets in Western Europe, with demand concentrated across energy infrastructure, transportation safety, and industrial asset

Top Fiber Optic Cable Manufacturing Companies in France

Timbercon uses the latest technology in rugged jacketing, packaging and manufacturing methods to provide lasting fiber optic solutions. Timbercon offers ruggedized products in multiple styles, sizes,

Fiber Optic Sensor Cables for Advanced Monitoring

AP Sensing's fiber optic sensor cables enable real-time, precise monitoring of temperature, strain & acoustics in harsh environments with minimal maintenance.

Mechanical Properties of Optical Fiber Strain Sensing

Optical fiber strain sensing cables are widely used in structural health monitoring; however, the impact of a harsh environment on them is not assessed

OMERIN French manufacturer of high temperature cables

Our range of high temperature cables in silicone, cross-linked elastomers, fluoropolymer, thermoplastic and composite insulations are suitable for many

High Performance Fibre Optic Cables for Distributed Sensing

Silixa provides fibre optic cables specifically tailored to the requirements of Distributed Fibre Optic Sensing, allowing the user to achieve the optimum performance for their application.

Fiber Optic Cable Manufacturers

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

Rugged Fiber Optic Cables for Sensing Applications

Discover Neubrex's precision fiber optic sensor cables, engineered for reliable strain, temperature, and acoustic measurements in harsh environments across

Distributed Temperature & Strain Sensing (DTSS)| B

Distributed Temperature and Distributed Strain Sensing systems (DTSS) measure temperature or strain along fiber optic cables for comprehensive asset

Fiber Optic Sensor Cables | Industrial Fiber Optics

They are made from plastic optical fiber (POF) and borosilicate glass fiber - available for individual (transmissive) and bifurcated (reflective) cables.

FEBUS Optics

Febus Optics - FEBUS Optics - Distributed fiber optic sensing for pipeline monitoring, power cable and umbilical monitoring onshore & offshore, well monitoring, intrusion detection, seismic acquisition,

Contact Us

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