

Article Overview

Spain hosts several leading manufacturers of fiber optic and nanofiber cables, including Sigma Network, Fibercom, Fiberco, and Prysmian Group, offering both standard and customized solutions for telecommunications, energy, and industrial applications.

Key Manufacturers

Sigma Network - Based in Zaragoza, Sigma specializes in optical fiber cables for FTTH networks, offering pre-connectorized drop cables, tight buffer, loose PBT tubes, and flexible nanotubes that are easy to strip. They provide both indoor and outdoor solutions, with technical support and high-precision fusion splicing services, making them suitable for advanced nanofiber applications . **Fibercom** - With over 30 years of experience, Fibercom focuses on fiber optic telecommunications infrastructure. They provide tailored solutions and materials for professional projects, with offices in Barcelona and Zaragoza, serving both domestic and international clients . **Fiberco** - Fiberco offers standard and customized fiber optic solutions for renewable energy, telecommunications, and other sectors. Their products are designed to meet high-quality standards and can be adapted to specific project requirements . **Prysmian Group** - A global leader with a strong presence in Spain, Prysmian manufactures high-technology optical fiber cables and systems for telecommunications and energy solutions. They provide a wide range of optical fiber products with international certifications and extensive technical support . **BTC Iberica** - Located in Zaragoza, BTC Iberica produces low voltage, instrumentation, control, power, and special cables for industrial and offshore applications. While primarily focused on industrial sectors, they offer tailored cable production and export worldwide, which may include specialized fiber solutions .

Considerations for Selection

- o Customization: Companies like Sigma Network and Fiberco provide tailored solutions, including flexible nanotubes and pre-connectorized cables.
- o Technical Support: High-precision fusion splicing and installation support are offered by Sigma Network and Fibercom.
- o Industry Experience: Prysmian Group and Fibercom have decades of experience in large-scale deployments.
- o Certifications: Ensure the manufacturer meets international standards for telecommunications and industrial applications. These manufacturers collectively cover a wide range of fiber optic and nanofiber cable needs, from standard telecom installations to specialized industrial and energy projects, making Spain a strong hub for advanced cable solutions.

CABLES ESPECIALES DE FIBRA (CEF) is a Spanish company and part of the CUNEXT Group. In



Spanish Nanofiber Cable Manufacturer

December 2025, it acquired

Discover revolutionary nanofiber electrospinning technology & services with SNC. Product development, contract manufacture and

Fabricante Fibra óptica: Soluciones estándar y a medida para fibra óptica para los mercados de energías

We are manufacturers of low voltage copper electrical cables. Based in Zaragoza (Spain) with an

Técnicas del Cable was born in 1989 as a local cable manufacturer in La Rioja, Spain and has become a leader company in the

Prysmian produces a wide range of optical fibre and cables capable to deliver information

Disponemos de una amplia gama de cables de fibra óptica que cubren todas las necesidades y aplicaciones posibles en cableados

Dosense Cable has strong production capacity ensures high quality cables. With expert staff, cutting-edge technology and strict

Therefore, we hold the Certificate of Business Registration (ER) ISO 9001: 2015 by AENOR

Based in Zaragoza (Spain) with an international presence in more than 25 countries, we have been

Top 24 Fiber Optic Cable Manufacturing Companies 1. Afl Website: aflglobal.com Ownership type: Corporate Headquarters: Duncan,

Our facilities are manufacturing most stringent standard product with fast, safe, precise and detail method offering uncompromised

BTC Ibérica is a low voltage instrumentation, control, power and special cables factory for petrochemical, offshore, marine industry,

Learn more about our crush-proof stainless steel micro-armor fiber optic cables, the smallest and most

Técnicas del Cable has an excellent track record and a large experience becoming the leading Spanish

Optral is a Spanish provider that specializes in the design and manufacturing of fiber optic cables, serving

Web: <https://bssoda.pl>

