

INDOOR SOLUTIONS

Delivering next-generation fibre throughout every building

Linking the future

As the worldwide leader in the cable industry, Prysmian Group believes in the effective, efficient and sustainable supply of energy and information as a primary driver in the development of communities.

With this in mind, we provide major global organisations in many industries with best-in-class cable solutions, based on state-of-the-art technology. Through two renowned commercial brands – Prysmian and Draka – based in almost 100 countries, we’re constantly close to our customers, enabling them to further develop the world’s energy and telecoms infrastructures, and achieve sustainable, profitable growth.

In our energy business, we design, produce, distribute and install cables and systems for the transmission and distribution of power at low, medium, high and extra-high voltage.

In telecoms, the Group is a leading manufacturer of all types of copper and fibre cables, systems and accessories – covering voice, video and data transmission.

Drawing on over 130 years’ experience and continuously investing in R&D, we apply excellence, understanding and integrity to everything we do, meeting and exceeding the precise needs of our customers across all continents, at the same time shaping the evolution of our industry.

Introducing *xsNET*

From aerial and underground installations, through to both simple and more complex residential networks, Prysmian’s *xsNET* family of products and solutions represents a new standard in Fibre To The Home (FTTH). Answering the critical need for ease of deployment, flexibility, reliability and cost-efficiency – and being backed by a full suite of valuable support services – *xsNET* is the ideal range of cabling for today’s changing world.



Value Innovation for your Broadband Network

xsNET
INDOOR SOLUTIONS

xsNET
POP SOLUTIONS

xsNET
OSP SOLUTIONS

xsNET
ENGINEERING SOLUTIONS

QUICKDRAW^{XS}

SIROCCO^{XS}

OASYS

JETNET^{XS}

RETRACTANET^{XS}

VERTICASA^{XS}

VERTV^{XS}

EASENET^{XS}

BENDBRIGHT^{XS}

Supported throughout by *BENDBRIGHT^{XS}* fibre technology





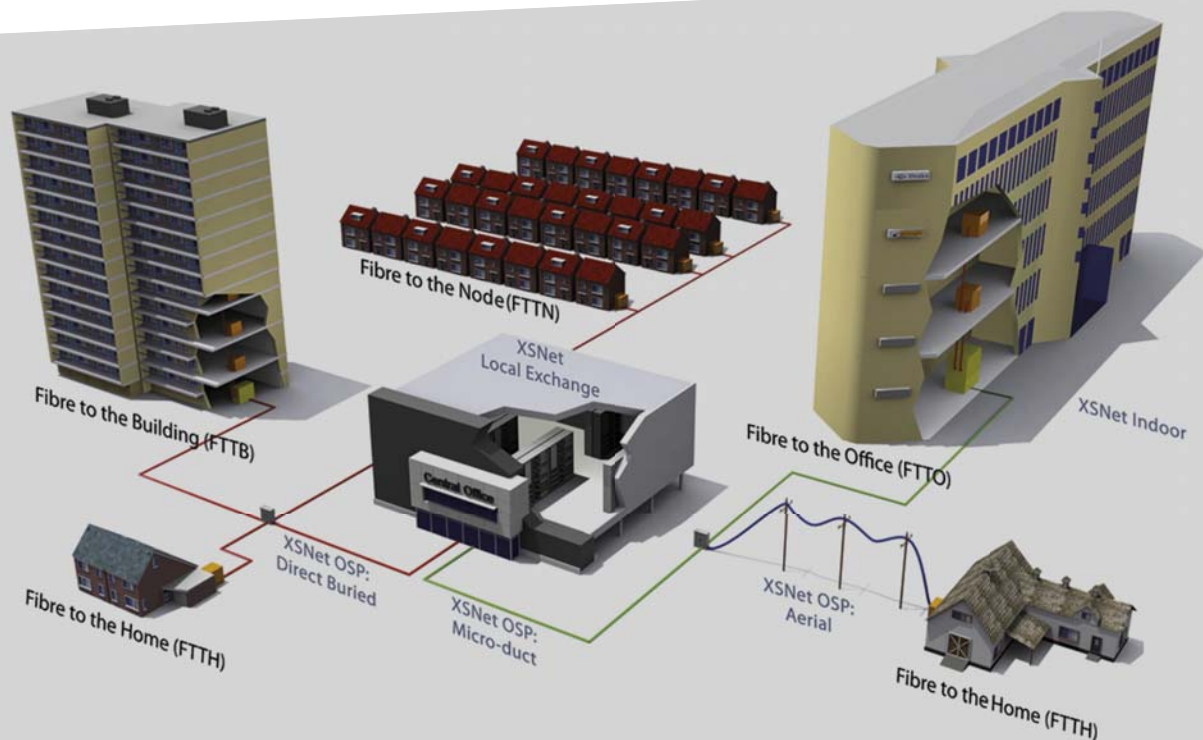
INDOOR SOLUTIONS

Prysmian Group's XSNET INDOOR SOLUTIONS: make seamless connections

With its suite of specialist XSNET INDOOR SOLUTIONS, the Prysmian Group is bringing seamless next-generation fibre optic network performance directly into the homes and offices of end users, while keeping investment and operational costs low.

Designed and engineered for all types of buildings, our XSNET range provides straightforward, transparent FTTx choices that are complementary to all structure types. With an innovative range of products and techniques employed to identify your best options, irrespective of the number of units or floors.

Our objectives? Providing or creating a solution for every situation; meeting the often-varying needs of a single project with flexibility and ease; showing how to best optimise your budget without sacrificing efficiency; and reducing Total Cost of Ownership.



Benefits

- Lower investment and operational costs
- Reduce Total Cost of Ownership
- OPEX and CAPEX optimised without sacrificing efficiency
- Fewer customer visits means lower costs

SIROCCO^{XS}

SIROCCO^{XS}: Flexible, future-proof blown fibre solutions

A blown fibre system that provides a flexible and high speed broadband network within and between buildings.



VERTV^{XS}

VERTV^{XS}: The ultimate solution for TV Broadband cabling

VERTV^{XS} is an optical multi dwelling unit TV cabling solution. The plug and play system consists of patchcords of various lengths and floor boxes for splitting or tap off.



JETNET^{XS}

JETNET^{XS}: The fast track to fibre

Can be installed throughout Multi Unit Dwellings (MDUs) or office blocks, cutting back the time it takes to install a complex network.



VERTICASA^{XS}

VERTICASA^{XS} system: taking fibre to every floor

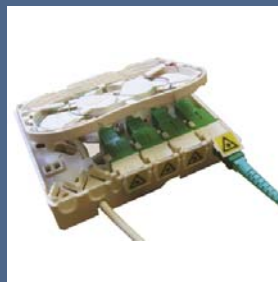
The VERTICASA^{XS} system is a complete solution for cabling medium and large-sized apartment buildings or MDUs with breakout units, customer termination boxes and multi-operator MDU distribution boxes.



OAsys

OAsys connectivity: easy access

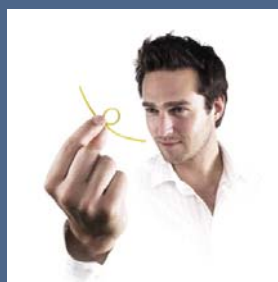
Prysmian has developed a wide range of products, including wall boxes for fibre entry into a building, distribution boxes, and termination boxes for terminating and presenting shuttered adapters for the final patch cord link to the optical network unit.



BENDBRIGHT^{XS}

BENDBRIGHT^{XS}: based on the latest fibre technology

BENDBRIGHT^{XS} fibre has the properties that matter in the access network: bend insensitivity, full backward compatibility with all fibre types and support for international standards. BENDBRIGHT^{XS} optical fibre with COLORLOCK^{XS} coating offers optical fibre's vast transmission capacity, with convenient, copper-like handling.



Multiple choices for low-rise, mid-rise and high-rise buildings

Prysmian *XSNET INDOOR SOLUTIONS* employ *BENDBRIGHT^{XS}* cables with *COLORLOCK^{XS}* coatings, and can be used for both short runs within a premise, long runs throughout a complex, and can even go up the outside of a building, with minimal splicing. All *XSNET INDOOR SOLUTIONS* cables are flame retardant. This includes the use of a low-smoke, zero-halogen sheath, and a cable construction that provides protection from flame propagation and smoke emission.

***JETNET^{XS}*: Flexible network design and implementation for a future-proof, scaleable network**

JETNET^{XS} is used to blow *BENDBRIGHT^{XS}* optical fibre cables into and throughout MDUs or office blocks, cutting back the time it takes to install a complex network.

The ready-connect *JETNET^{XS}* indoor solution comes pre-fitted with the required LC ferrule. This connector core is installed during production in a process that includes centre-aligning the fibres and polishing the end-face.

- Best indoor blowing performance
- Pre-ferruled to cut down splicing, faster installation
- Less time on customer premises



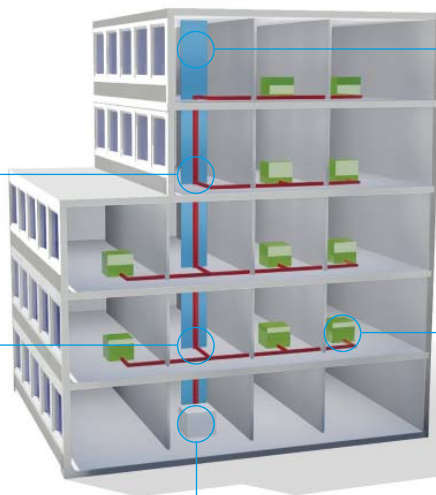
Just blow the pre-ferruled cable and then snap the connector housing to make the connection



Y-Branch for Microducts



JETNET^{XS}
Indoor Microducts



Riser Shaft



Customer Termination Box



Indoor Distribution Box



VERTICASA^{XS}: Innovative, retractable riser cable solution

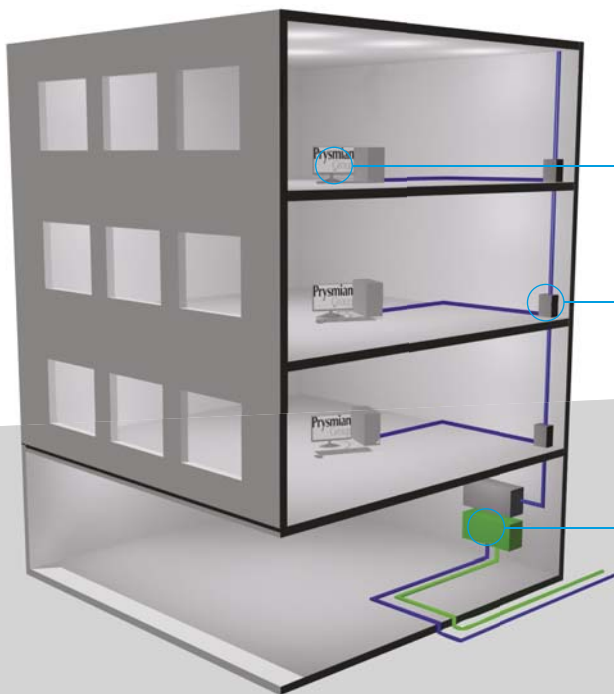
Ideal for mid-sized and high-rise buildings. *VERTICASA^{XS}* eliminates the need for splicing on each floor, saving time and cutting skilled labour costs. There are up to 48 retractable fibre units in one enhanced strain-resistant riser cable. Retractable fibre modules, with one or more easy-strip buffered fibres, are packaged into a single flame-retardant riser cable. These indoor riser cables contain individual breakout units for robust handling and easy field termination.

- Faster installation
- Reinforced with glass fibre or aramid yarns

This solution with flexible micromodules, containing from 2 -12 optical fibres, providing up to 144 fibre cables, is ideal for low-rise and high-density buildings.

With an embedded *VERTICASA^{XS}* system, the cable is hidden within the wall and accessed for routing and termination through mini-riser boxes and breakout units inside discrete wall boxes.

With an outdoor *VERTICASA^{XS}* cable, it forms a tough, tamper-proof and UV-resistant wall mountable solution for whenever it's impossible to enter a building at ground level or via a basement. Easy installation.



UCTB
(Ultra Compact Termination Box)



VERTICASA^{XS} 4 port Breakout Unit



MDU Demarcation Box

SIROCCO^{XS}

Flexible, future-proof blown fibre solutions

A blown fibre system that provides a flexible high-speed broadband network within and between buildings.

An ideal solution for all areas *SIROCCO^{XS}* is a well established system meeting the needs of operators for a flexible system that manages evolving network demands without the necessity for high initial capital expenditure or extensive network planning.

SIROCCO^{XS} allows optical fibre to be deployed on demand from one point in the network to another (internal or external) using compressed air to blow the optical fibres into pre-installed tubes.

VERTV^{XS}

The ultimate solution for TV Broadband cabling

VERTV^{XS} is an optical multi dwelling unit TV cabling solution. The plug and play system consists of patchcords of various lengths and floor boxes for splitting or tap off. It has been designed to make installation simple as no fibre optical experience is required for installation, and no fusion or mechanical splicing is needed. Anyone familiar with copper cables, such as electrical engineers, can easily work with this solution.

One-stop-shopping with Prysmian's comprehensive integrated *xsNET* portfolio

Deploying a future-proof FTTx network is all about achieving the highest network reliability and customer satisfaction, whilst making the most of available resources and keeping costs low. Prysmian's fully integrated range of connectivity products provides all you need to build or adapt each segment of a low-maintenance FTTx network quickly and cost-effectively.

Our integrated *xsNET* range offers high grade optical fibre cables, carefully matched and easy-to-handle connectivity components and a choice of ducting solutions for indoor networks, outside plant networks and POP. And there's more: flexible design software and engineering advice based on three decades of broadband network design. With minimal effort, any network design, regardless of complexity or size, can be put together from scratch, updated or reconfigured.

Prysmian Group's fibre optic and connectivity products

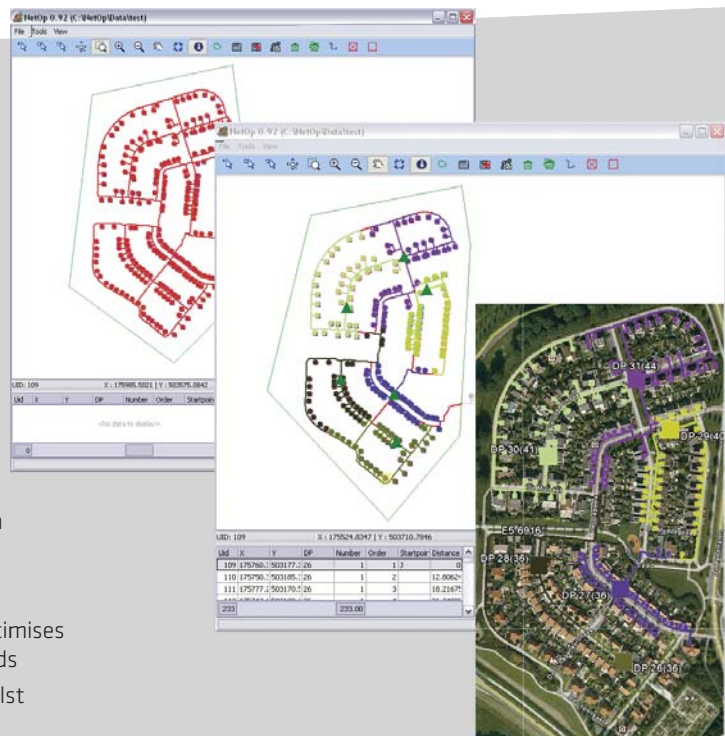
- Combined portfolio brings down the cost of FTTx
- Reach every community with an extensive portfolio of cable, connectivity and deployment technologies



Value Innovation for your Broadband Network

Integrated *xsNET* concept

- Each standardised *xsNET* solution integrates seamlessly with the rest of the portfolio
- Each *xsNET* solution contains everything required to build a specific part of the network
- Operators can make service choices now, but also accommodate future upgrades and expansion
- Reduces the need for skilled labour
- Excellent logistical support
- Proprietary design software maps, configures, optimises and calculates costs of network concepts in seconds
- Changes and variations are easy to implement whilst designing and even after installation
- Expert engineering and consultancy services, plus professional support for building a winning business case



Linking communications to communities

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