

POP SOLUTIONS

Integrated approach for fast, tailor-made
Points-of-Presence



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



XSNET POP SOLUTIONS

Prysmian Group's ultimate 'one-stop-POP-shop'

Prysmian's fully integrated POP range offers everything needed to build or adapt a low-maintenance FTTx network quickly and cost-effectively. Any design, regardless of complexity or size, can be created, updated or reconfigured with a minimum of effort, thanks to our prefabricated enclosures and complete range of connectivity products. These guarantee a high level of quality and consistency and simplify the installation of active modules, as well as the patching of CATV, voice and data services. Network operation costs are lowered, thanks to a reduced footprint. Furthermore, you can have your choice of Optical Distribution Frames (ODF) pre-installed for high quality and consistency, and entrust the logistical aspects to Prysmian.

Features

- Pre-fabricated
- One integrated solution
- Plug-and-Play
- Comes complete with logistical services

Benefits

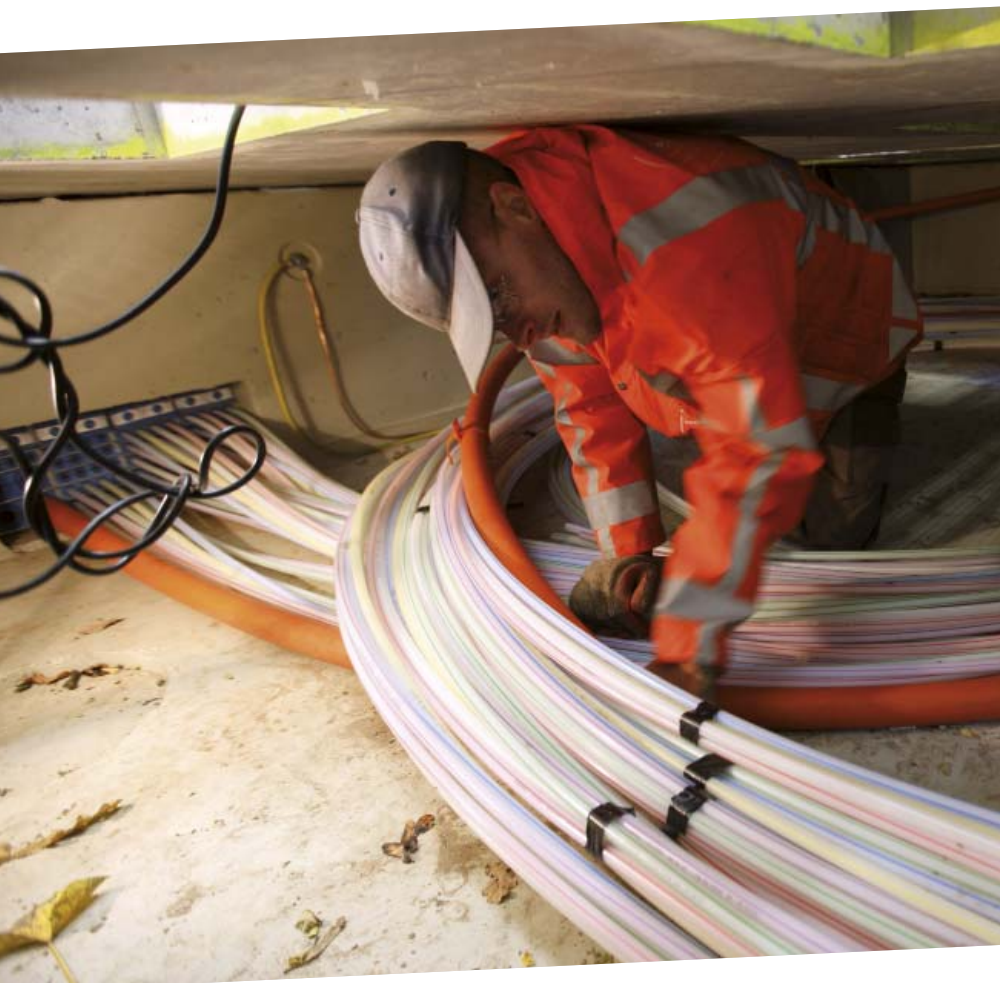
- Cut down installation time on-site
- Installation risks are reduced significantly
- One-stop-shop; all products within the POP are part of an integrated solution
- Full flexibility of choosing your own preferred components
- Civil works are integrated, inconvenience to the public is reduced
- Cable installation can start right after placing the POP
- Guaranteed on-time delivery



A comprehensive POP product portfolio from Prysmian

Our *XSNET* exchanges are pre-fabricated enclosures made from pre-stressed, pre-armoured concrete, manufactured to DIN specifications. Following a standard assembly process, they are transported to the site for installation and simply swung into place. This is especially beneficial in rural areas, where there is often no suitable building available where network design calls for one.

The full *XSNET POP SOLUTIONS* consists of optical fibre racks (ODF), rack mounted products (splice & patch shelves), pigtails, patchcords, splitter portfolio and fibre management systems.



Creating a cost-effective Point-of-Presence

Prysmian Rack Systems

We offer a standard portfolio of 19"/ETSI racks, modular rack systems, and a mini rack for wherever space is an issue. These can all accommodate Prysmian's standard optical fibre drawers.



Patchcords & Pigtails portfolio

Bend-insensitivity brings huge benefits to cross connections: patchcords are often disconnected and reconnected, thereby introducing risk in the network. Prysmian Group's *BENDBRIGHT^{XS}* technology reduces this risk.

Patchcords & pigtails with bend insensitive *BENDBRIGHT^{XS}* singlemode fibres meet ITU-T G657.A2/B2 standards.

Splitter portfolio

An FTtx network may contain one splitter or several cascaded splitters, whose placement depends on the network topology. Prysmian Group provides a selection of cost-effective high-quality splitter devices that enable high performance solutions for Point-to-Multipoint (P2MP) networks.



The OAsys RS3000 series

Our flagship portfolio minimises the required floor space. High quality patch adapters maintain the highest possible optical budget levels throughout the network. The RS3000 rack is supplied with side panels and transparent doors. A range of cable anchor brackets can be installed and mandrels are supplied to manage and store patchcords. The rack is supplied with 19" mounting rails, which can accommodate SRS3000 shelves and sub-racks or other 19" rack mounted products.

OAsys ODF & Rack Product Range

RS3000 Rack

Modular Main Rack

19"/ETSI Rack

OCR (Optical Consolidation Rack)

Generic Rack 3A

Mini Rack

RS3000 Rack

- High capacity, high density ODF
- Minimal floor space requirement
- High flexibility - load on demand
- High degree of fibre management

SRS3000 1U Splice & Patch Shelf

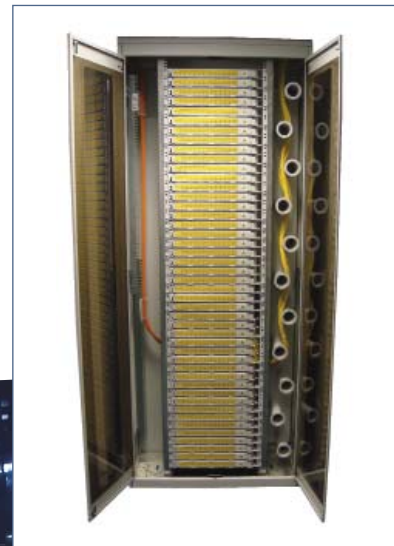
SRS3000 1U Patch Only Shelf

SRS3000 1U Splice Only Shelf

SRS3000 1U Patchcord Storage Shelf

SRS3000 1U Connectorised Splitter Shelf

SRS3000 Distribution Sub-Rack



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

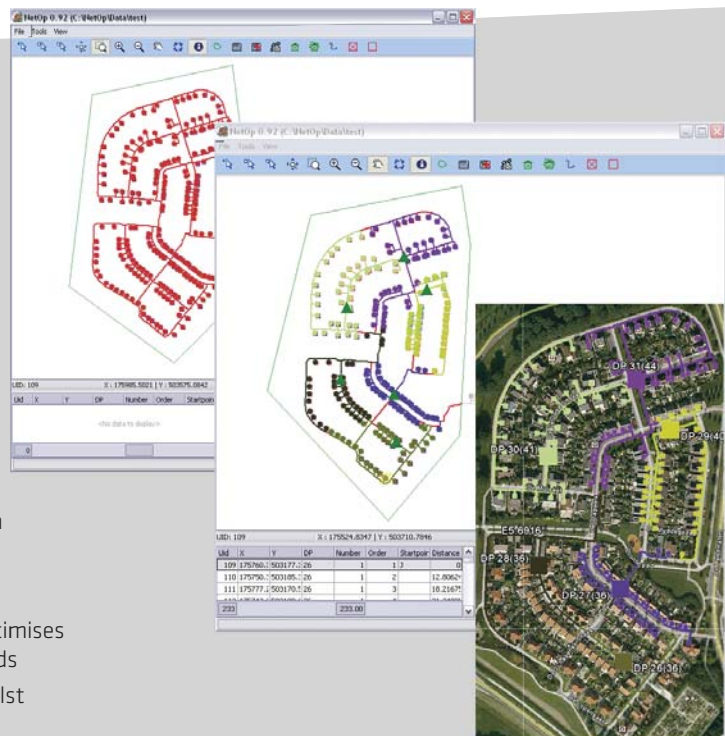
- Combined portfolio brings down the cost of FTTx
- Reach every community with an extensive portfolio of cable, connectivity and deployment technologies



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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