

EASENET^{XS}

Easy implementation, proven performance in the great outdoors



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



EASENET^{XS}

Make drop connections simple

If you want to benefit from a straightforward, flexible, cost-effective and user-friendly connection solution for your OSP applications, then *EASENET^{XS}* is a direct buried ducting system for all parts of a fibre optic network – particularly Fibre To The Home (FTTH).

The system blows in optical fibre cables through microduct bundles, and gives you the flexibility to choose what you need, and when and where you need it. The *EASENET^{XS}* thick-walled microducts can be branched off easily – as they don't need an outer protective duct – and complex tube management boxes are simply not required.

It all adds up to a system that's easy to implement and adapt, and with a host of significant cost benefits, which delivers more efficient operations for you and better service for your customers.

Features

- Robust, high crush resistance
- Complete line of easy-to-use connectivity products
- Superior characteristics for jetting cables into microducts
- Jetting parameters stable over long period of time

Benefits

- Ducts can withstand high pressure during blowing
- Can be used in every environment imaginable
- Even under difficult circumstances optimal blowing distances are achieved
- Future-proof: additional fibre cables can be installed, even a decade later
- Requires less skilled labour and making connections takes less time in the field
- Thick-walled microducts available in a variety of outer diameters and ducting colours



Three interchangeable, complementary duct systems from Prysmian Group

SIROCCO^{XS}

compact pre-installed microducts in tubes into which blown fibre units (EPFUs) are blown.

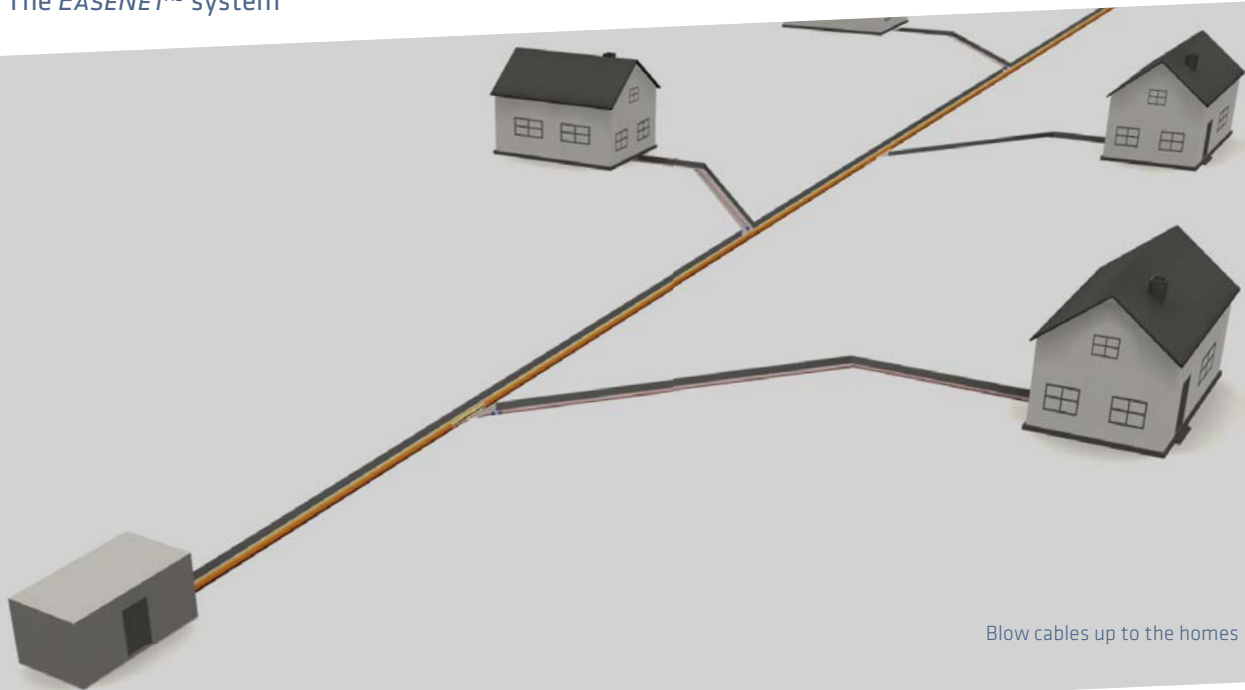
JETNET^{XS}

loose set of microducts in a protective duct in which optical fibre cable can be blown.

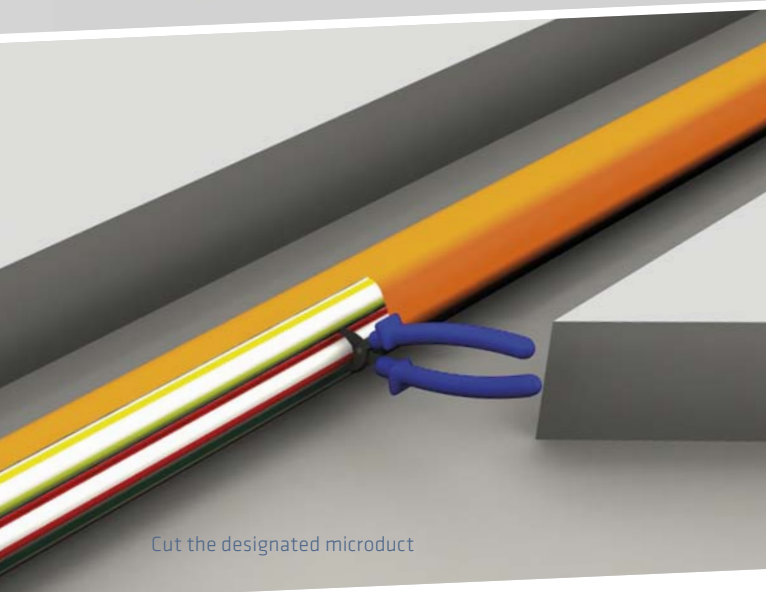
EASENET^{XS}

thick-walled microducts that can be directly buried as a bundle or single duct, allowing easy branch off to customers.

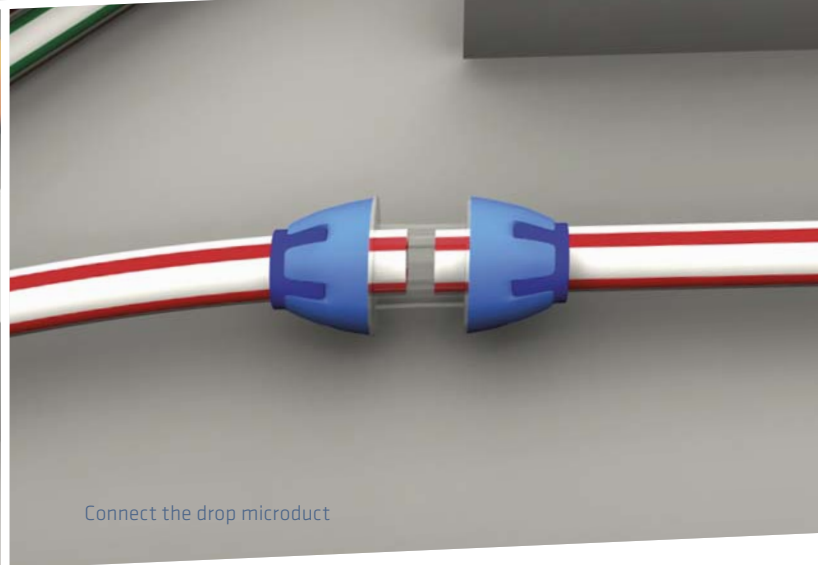
The **EASENET^{XS}** system



Blow cables up to the homes



Cut the designated microduct



Connect the drop microduct

EASENET^{XS}

Designed with expansion in mind

EASENET^{XS} microduct walls are substantially thicker than standard microduct products. They don't need to be placed or blown inside another duct or tube, but are held in place by a thin outer sheath and can be directly buried on their own. From a technical perspective, this is the ideal solution for near surface and aerial needs, where temperatures may vary significantly.

EASENET^{XS} products can be direct buried over long distances in bundles of 2, 4, 6, 7, 12, or up to 24, or buried individually over shorter distances. The microducts also offer the easiest solution for branching, as all that needs to be done is to cut the thin outer coating and snap on a connector. This makes *EASENET^{XS}* one of the most user-friendly techniques during installation.

***EASENET^{XS}* Microducts**

Heavy duty, self-protected bundles of thick-walled microducts used in fibre optic networks. Designed in bundles for direct burying, no protective duct is required and it is easy to branch off, and as a single microduct for direct-burying. No complex tube management boxes are needed.



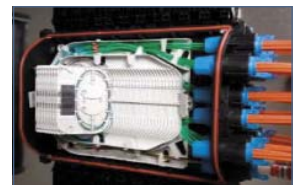
***EASENET^{XS}* Connectors**

EASENET^{XS} connectors use a simple design to snap together the ends of two thick-walled microducts, so there's no need for a closure, Y-branch or tube management box. Prysmian Group also offers a gas-tight connector or termination for network access points to protect the integrity and safety of the design.



***EASENET^{XS}* Underground Closure**

EASENET^{XS} accommodates various splice-protection closures. The closures can be direct buried or placed within a handhole and are designed to accommodate the splice requirements of the particular network. *EASENET^{XS}* compatible closures also offer numerous port options. Customised closures are available on request.



***EASENET^{XS}* Handholes**

Convenient entrance points to the access network, mainly used as underground manipulation points for microducts and fibre cables. Handholes of various shapes, sizes, material composition and configurations are available, completing the *EASENET^{XS}* solution.

Outside plant material also includes connectors and other components to match chosen tube feeders. Choices include: Y-connectors, H-branches, T-branches and wraparounds, a tube management box or microduct branching box, thick-walled connectors and a gastight termination/connector.



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

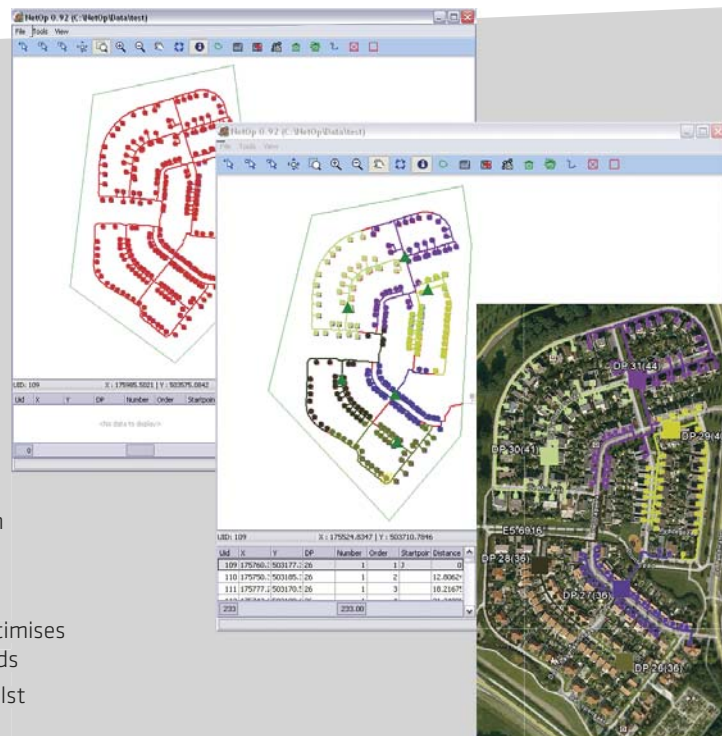
- Combined portfolio brings down the cost of FTTx
- Reach every community with an extensive portfolio of cable, connectivity and deployment technologies



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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