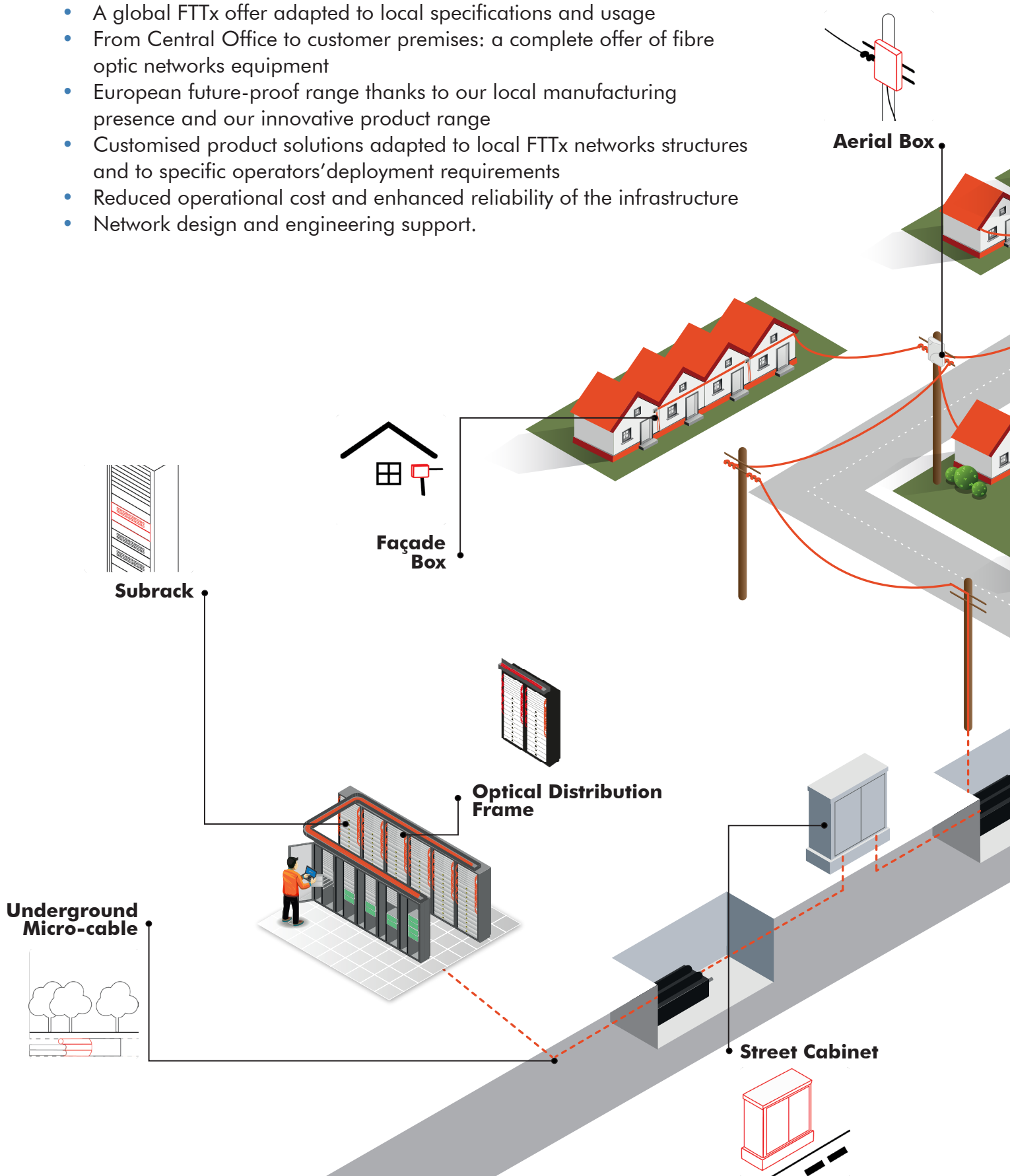


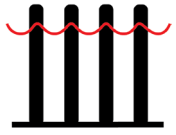
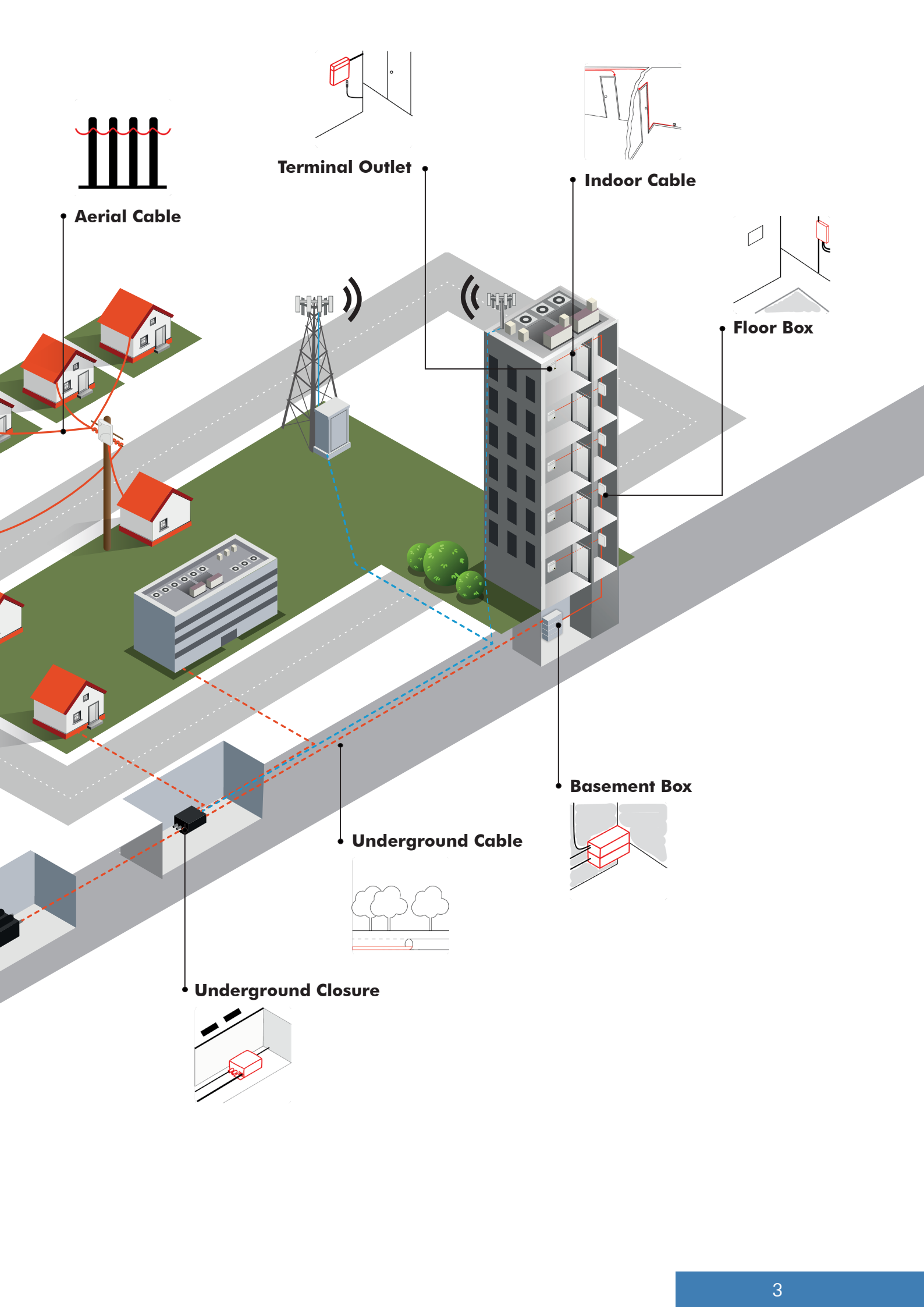
FTTx CONNECTIVITY SOLUTIONS



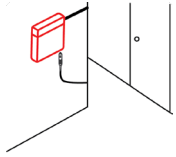
# GLOBAL SOLUTIONS FOR OPTICAL FIBRE NETWORKS

- A global FTTx offer adapted to local specifications and usage
- From Central Office to customer premises: a complete offer of fibre optic networks equipment
- European future-proof range thanks to our local manufacturing presence and our innovative product range
- Customised product solutions adapted to local FTTx networks structures and to specific operators' deployment requirements
- Reduced operational cost and enhanced reliability of the infrastructure
- Network design and engineering support.

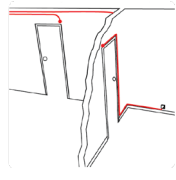




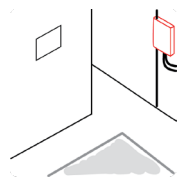
**Aerial Cable**



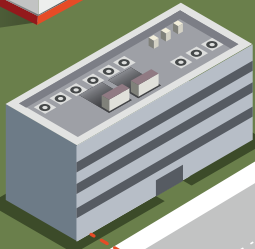
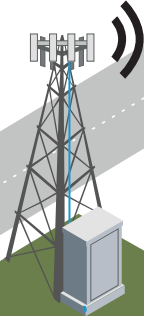
**Terminal Outlet**



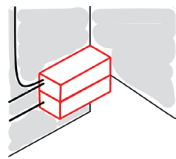
**Indoor Cable**



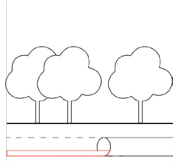
**Floor Box**



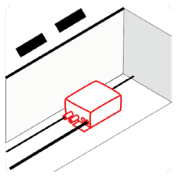
**Basement Box**



**Underground Cable**



**Underground Closure**



# CENTRAL OFFICE

- Indoor LAN cable solutions and Optical Distribution Frames
- High connection capacity solutions with simple, tidy and quick cabling
- Flexible and modular, for all configurations from small shelters to large plants

## Indoor cabinet – OPTESTAR 2+

- Dismountable and customisable cabinet (side panels and roof)
- Designed for swivelling modules 19" – all capacities
- Optimised cabinet footprint 300mm deep
- Fibre management at the rear.

## Metallic subracks

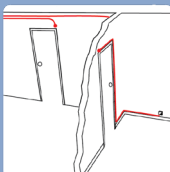
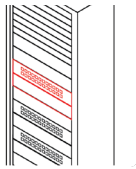
- Various configurations with splicing, patching and/or splitting
- Robust metallic rotating swivelling modules
- Extensive range adapted to customers specifications
- Designed for easy mounting in 19" frames.

## Modular subrack – XPLOER™

- Up to 60% weight reduction
- Mechanical strength, thermal stability, resistance in harsh environments
- Simplicity thanks to reversible modules with symmetrical parts and on-site configuration
- Common 1U, 3U and 4U modular basis with specifically selected functions
- Intuitive fibre routing with single fibre management
- Secured management of overlengths and protection of fibres
- Newly designed system for easy tool-less fixation
- Compatibility with all types of frames (19"/ETSI, front and back fixations).

## Nexans Space Saving Solution (N3S)

- Compact and simple Central office system for cross connection or patching
- Limited floor space (footprint) of 300x60 mm - up to 7680 SC-connectors
- Can be placed against a wall, stand alone or back-to-back and stepwise extendable
- Connection of optical fibre cables with fibre counts from 48 to more than 384
- Modular design of the system comprising one splicing frame and up to five patching frames
- Built-in cable ladders and patching
- Optical fibre patching modules in-factory pre-terminated and delivered with 20 m of butt cable
- Simple addition of a new patching module is by straight cable splicing in the splicing modules.



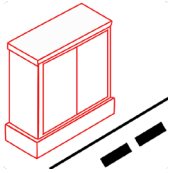
## Indoor / universal cables

- Indoor and universal cables with appropriate rating according to European Construction Product Directive (CPR): Euroclass Dca to B2ca
- Central tube construction up to 24 fibres
- Flexible micro-bundles construction up to 96 fibres.

Central Office cables are available with 652D or G657A fibres.

# TRANSPORT & DISTRIBUTION

- Outdoor solutions for aerial overhead and underground architectures.
- Products specifically designed for an easier installation and connectivity
- Complete compatible solutions including cables, accessories and connection

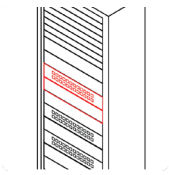


## Outdoor polyester cabinet

- Lightness: up to 50% compare with the same metallic solution, installation without lifter
- Robustness: high quality materials. Temperature, chemical and fungi resistance
- Cost effective
- Customisable.

## Cabinet for active equipment – ACTIVE DP

- Double skin structure designed to host active equipment
- Fully configurable, active and passive equipment
- Cooling system available
- Maintenance and extensions on demand.

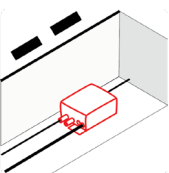


## Modular subrack – XPLOER™

- Up to 60% weight reduction
- Mechanical strength, thermal stability, resistance in harsh environments
- Simplicity by reversible modules with symmetrical parts and on-site configuration
- Common 1U, 3U and 4U modular basis with specifically selected functions
- Intuitive fibre routing with single fibre management
- Secured management of overlengths and protection of fibres
- Improved fixation with newly designed tool-less system
- Compatibility with all types of frames (19"/ETSI front and back fixations).

## Compact splice closure – BLACKBOX

- Ultra compact (2L) and designed for easy, multiple openings
- Reinforced tightness IP68
- In-line, midspan or extraction for the main cable with the same product
- Up to 72 splices in G657 fibre - 36 splices in G652D and 16 secondary cables.

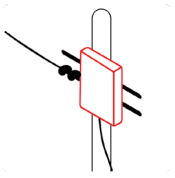


## Splice closure – WTC

- Versatile installation: underground, aerial or directly buried application
- Fully mechanical watertight system IP 68
- High impact resistance IK10
- 3 sizes in the range, from 48 to 336 splices
- Up to 6 cable ports depending on the model (multi-cables sealing system).

## Dome closure – DCS

- Underground, aerial or directly buried application
- Reinforced tightness IP68
- 3 sizes in the range, from 96 to 288 splices
- Up to 6 standard ports and 1 midspan port.



### Aerial box – OUTDROP 2+

- Optical distribution box for wall or pole mounting
- Up to 72 splices with single fibre management
- Up to 12 drop cables
- Patching version: up to 12 SC adapters.



### Façade splicing box – WALLDROP

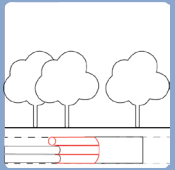
- Compact for low visual impact
- Up to 10 drop cables and 12 splices in its standard configuration
- Extension kit to increase capacity up to 36 splices.

### Colored façade box

- Discrete, powder-coated metallic box
- Available in 7 standard color : black, dark grey, light grey, brick red, falu red, white, yellow. Strong mechanical structure complying with IP54 and IK10
- Cable/duct up to 16mm diameter
- Typical installation with 2 SC simplex or 2 LC duplex adaptors or 4 fusion splices.

### Façade splicing & patching box – ODB

- For outdoor and indoor wall-mounting
- Up to 4 drop cables
- Up to 4 splices or 4 SC adapters.

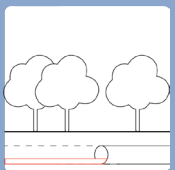


### Underground micro-cables for air blowing installation

- Optimised for blowing in microducts
- Complete range from 2 to 288 fibres with 200µm and 250 µm coated fibres
- Large range of constructions: central tube, stranded micro-tubes or flexible micro-modules adapted to cover all international engineering rules.

### High fibre counts NANO

- Specific cable design to optimize the diameter and ease the installation
- Installation by pulling or water carrying in ducts
- High fibre density - up to 1008 fibres.

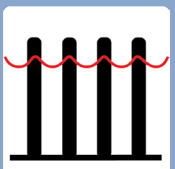


### Underground cables

- Reinforced loose tubes constructions for harsh environment and rodent resistance
- Pulling installation.

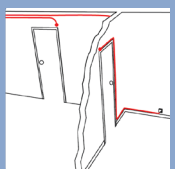
### Universal - underground & aerial cables

- Radial strength reinforced design for underground and aerial installation
- Easy stripability with flexible micro-modules
- Aerial installation with span up to 65 mm.



### Aerial cables

- ADSS complete range up to 144 fibres armoured cables in single or dual sheath
- Fully dielectric construction.



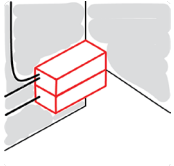
### Indoor / Universal Cables

- Indoor and universal cables with appropriate rating according to European Construction Product Directive (CPR): Euroclass Dca to B2ca
- Central tube construction up to 24 fibres
- Flexible micro-bundles construction up to 96 fibres.

Our transport and distribution cables are available with G652D, G657A1 or G657A2 fibres.

# BUILDING & SUBSCRIBER PREMISES

- Specific solutions designed for indoor installation to the subscriber's premises
- Optimised to reduce installation time and to ensure a discrete and evolutive installation

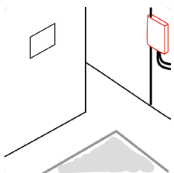


## Basement patching box – DOMINO

- Lightness and robustness (IK07)
- Front access for patching
- Dedicated trays to manage patchcords overlengths
- Point-to-point or GPON networks, and compatible with either mono or multi-operators architectures.

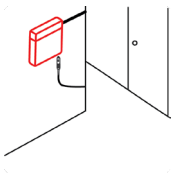
## Basement splicing box – BPI

- Thin design for wall-mounting
- Easier access than a splice closure
- Metallic structure and cover with lock.



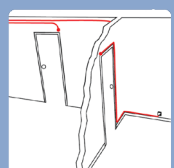
## Floor splicing box – VERTHOR

- Sober design, with optional additional covers when used along a PVC chute
- Horizontal or vertical mounting
- Up to 24 drop cables
- Up to 64 splices.



## Terminal outlet – @XS

- High quality design
- Small size 80x80mm, among the thinnest on the market
- Easy mounting on wall or DIN rail without opening
- Pre-terminated version available with a pre-installed drop cable
- Slim/hybrid versions available for 1 SC adapter, with possibility to add a keystone plug (Coax TV, RJ45, etc.).



## Indoor cables

Extensive range of indoor cables with easy stripability and appropriate rating according to European Construction Product Directive (CPR): Euroclass Dca to B2ca

- Indoor riser cables up to 144 fibres
- Indoor drop cables.

*Our building cables are available with G657A1 or G657A2 fibres*

## NEXANS INNOVATIVE SOLUTIONS FOR OPTICAL FIBRE NETWORKS

Nexans supports its customers to easily deploy telecom infrastructure networks, based on optical fibre cabling systems thanks to a complete solutions offer.

Our infrastructure equipment systems (cables, components and accessories) are designed to ensure:

- Efficiency: high bandwidth, qualified performance, harsh environment protection
- Reliability: material quality, intuitive installation, durability
- Improved costs, by adaptation of products to your specifications, by speeding up installations thanks to innovative designs and field support.

Should you need help with network design or engineering, Nexans' experts are here to provide you with tips, advice or even turn-key solutions.

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