# Solutions LAST MILE ACCESS NETWORKS



# DISCOVER OUR ELINE<sup>®</sup> RANGE

The eline<sup>®</sup> range, designed for telecoms field engineers, has been developed by Telenco to meet the constraints of connecting optical fibre to the subscriber's premises. It includes a wide range of enclosures, from PBOs to OTOs as well as indoor and outdoor cables to address all the challenges encountered by installers.







**Complete solutions for connecting subscribers** Through eline<sup>®</sup>, Telenco offers connectivity solutions for all network configurations. The solutions have been developed to meet the specific needs of telecoms operators/installers and ensure compliance with international standards.



**Multi-purpose** Indoor and outdoor enclosures and cables in spliced and preconnectorized versions.



**Easy to install** Pre-cabled enclosures that are quick and easy to install. Simple, intuitive product use.



### **Flexible** Suitable for all installation configurations in SDU and multi-family housing.

# Sustaining Innovation in FTTH Deployment: Meeting the Challenges of High-Speed Connectivity

Across the globe, high-speed broadband fibre optic networks are driving digital transformation, fostering innovation in education, healthcare, public services, smart cities, mobility, and security. As ultra-connectivity becomes an essential pillar of economic and social development, ensuring the performance, reliability, and sustainability of fibre optic communication networks remains a top priority.

Telenco is committed to drive the deployment of ultra-fast broadband networks, playing a key role in the last-mile connection of subscribers by providing high-quality, durable, and scalable solutions for FTTH networks.

Telenco incorporates **eco-design principles** to develop and manufacture a comprehensive range of **high-performance connectivity solutions**, ensuring reliability, ease of installation, and long-term durability.

Designed to address the **full spectrum of technical and economic challenges** of network deployment, Telenco solutions support **all types of architectures** and **network configurations**. They are optimized to streamline installation processes, minimize deployment costs, and anticipate key factors such as **urban density, building typologies (SDU, MDU), and evolving connectivity requirements**.

With innovation at its core, Telenco continues to **enable seamless**, **high-performance fibre optic connectivity**, empowering businesses, communities, and individuals in an ever-evolving digital landscape.

- Multiple Dwelling Units: High capacity Scalable architecture/Full preconnectorized architecture
- Multiple Dwelling Units: Low capacity
- Single Dwelling Units: Semi detached and terraced houses
- Single Dwelling Units: Overhead deployment
- Single Dwelling Units: Underground deployment
- Fibre to the room In-home deployment

1-610

In FTTH network access architectures, when focusing on existing buildings, each connection might be seen as unique. Parameters such as topographic conditions, cable pathways or the premises layout are variables to take into consideration for each and every case.

# MULTIPLE DWELLING UNITS: HIGH CAPACITY

Deploying fibre in multi-dwelling units (MDUs) involves challenges like diverse building layouts, high subscriber density, and infrastructure constraints. From the Building Entry Point (BEP) to the Optical Termination Outlet (OTO), installation must be optimized for speed deployment, reliability and easy exploitation.

Key factors include cable pathways, space constraints, and product smart designs. Telenco solutions are design driven by quality, installation easiness and cost efficiency.

This section presents two architectures for high-density buildings:

Scalable Architecture – Using splices for flexibility and scalability.

Fully Preconnectorized Architecture – Enabling faster roll-outs with minimal on-site work.

# Scalable Architecture



### IDB – Interface Distribution Box 1



Used for connecting the distribution cable to the riser, the IDB has been designed for direct wall mount at the building's entrance. Equipped with numerous cable entries and splice trays, stackable IDBs enable the connection between ISP (Internet Service Provider) and customer drop cables.

- Capacity up to 72 customers
- Available in splicing or preconnectorized versions

### Riser cable **2**

The riser cable presents a large internal diameter and a non-stranded micro-bundle construction. By slitting its outer sheath at two different points, one can cut an optical tube at the first point and extract it at the second one.



- Capacity up to 144 FO
- Modularity from 2 to 12 fibres per micro-bundle
- CPR compliant (Construction Products Regulation)
- Longitudinal marking indicating the FRP (Fibre Reinforced Plastic) position



### OTO HESTIA – Optical Termination Outlet 3

The OTO HESTIA ensures secure and flexible FTTH termination, designed for seamless wall, flush-box, or DIN rail mounting. Its slim design and bend radius protection, make it ideal for all indoor installations.

- Compact and neat design
- Multiple mounting options Wall, flush-box, or DIN rail
- Available in 1, 2, or 4FO (with adapters and pigtails)
- Output ports with laser and dust protection flaps
- Cable entrance from top, bottom, right, left or rear side



### IODP – Indoor Optical Distribution Point

The IODP ensures flexible and reliable FTTH distribution, managing up to 12 subscribers with an optimized fibre management system for quick and secure installations. Its compact and symmetrical design allows for easy wall or riser conduit mounting, ensuring smooth fibre routing with bend radius protection.

- Easy and fast installation
- Optimized fibre routing
- Flexible deployment Splice-based (IODP) or preconnectorized (IODPC) versions







# CABLE FOCUS

### DROPTIC<sup>®</sup> LM1L Indoor Drop cable **(5)**

DROPTIC<sup>®</sup> LM1L is a drop cable family engineered for effective indoor FTTH roll-outs. Thanks to its optimized diameter and its tensile strength construction, the LM1L can be installed, by air blowing or gluing techniques, alongside baseboards, door or window frames. DROPTIC<sup>®</sup> LM1L optical cable is built with performance, bend-optimized optical fibre and an LSZH- FR outer sheath. This drop is fully compliant with the European Construction Products Regulation

- Discreet and quick connections
- Flexible for easy installation
- Good curvature performance



# Fully Preconnectorized Architecture



BEP M – Building 0



The BEP M ensures secure and efficient FTTH connectivity at the building entry, offering high capacity, water resistance, and adaptable cable management. Its design supports various cable diameters and splice protection types, making it ideal for scalable deployments.

- Water-resistant and durable IP55-rated with UV and fire resistance
- High capacity Up to 36 SC or 72 LC connections and 168 splices
- Flexible cable management Supports Ø 2-12mm feeder cables and multiple drop cables
- Quick and strong anchoring system for entry port
- Wall mounting

# TECHNICAL FOCUS

# From the BEP to the OTO – No splicing required



Telenco offers an innovative solution for MDU deployments, addressing the challenge of overlenght cable management. The FB Reel and OTO Reel feature a built-in reel system, allowing installers to deploy only the required cable length from BEP to OTO.

The multi-fibre cable is terminated by a slim fan-out ensuring an easy duct installation for a fast and efficient roll-out.





### FB Reel – Floor Box 2

The FB Reel ensures fast, splice-free FTTH installation, connecting the end-user to the network with a fully preconnectorized solution. Its compact, secure, and intuitive design allows easy integration in risers or shared spaces while ensuring optimal cable management.

- Easy and fast installation No splicing, fully preconnectorized
- Integrated cable storage Up to 20m inside the floor box
- Flexible deployment Additional cable lengths of 40m or 60m available
- Bend radius protection Secure pulling with no risk of damage
- Optimized for single-person installation

### OTO Reel – Optical Termination Outlet 3

The OTO Reel enables quick, splice-free FTTH installation, offering a fully preconnectorized solution for effortless customer connections. Its compact and discreet design allows easy mounting anywhere, ensuring optimal cable management and bend radius protection.





- Plug and play installation No splicing required
  Integrated cable storage –
- Up to 10m inside the outlet
- Flexible deployment Additional cable lengths of 20m, 30m, or 40m

# CABLE FOCUS

# DROPTIC<sup>®</sup> LM023WHP and LM028WHP Indoor Drop cables ()

DROPTIC<sup>®</sup> LM023WHP and LM028WHP are multipurpose indoor drop cables. Their small diameter and 400N tensile strength enable their installation by blowing and pulling. LM023WHP is available in 1, 2 and 4FO with a  $\emptyset$  2.3mm diameter, and LM028WHP is available in 8 and 12FO with a  $\emptyset$  2.8mm diameter. All are built with an LSZH-FR outer sheath and have a CPR B2ca grade. A ripcord enables fast fibre access.

- CPR B2ca
- 400N tensile strength
- Proper blowing performance
- Discreet and quick connections
- Flexible for easy installation



# MULTIPLE DWELLING UNITS: LOW CAPACITY

Deploying fibre in low-capacity multi-dwelling units (MDUs) requires flexible solutions to accommodate diverse building configurations and infrastructure constraints. Unlike high-density MDUs, these deployments often involve smaller-scale installations that still demand an efficient and well-structured approach from the Building Entry Point (BEP) to the Optical Termination Outlet (OTO).

Key challenges include **adapting cable pathways, managing limited space, and ensuring long-term reliability. Telenco's solutions** prioritize **installation simplicity, durability, and cost optimization**, making fibre access seamless and scalable for low-density MDUs.



### BEP S – Building Entry Point 1

The BEP S ensures secure and efficient FTTH connectivity at the building entry, offering high capacity, water resistance, and adaptable cable management. Its compact design supports various cable diameters and splice protection types, making it ideal for scalable deployments.

- Water-resistant and durable IP55-rated and IK09 resistant
- High capacity Up to 7 SC or 14 LC connections and 36 splices
- Flexible cable management Supports Ø 2-12mm feeder cables and multiple drop cables
- Easy cable patching Rotating adapters holder



### OTO HESTIA Kit 2

The OTO HESTIA Kit is a readyto-use, preconnectorized FTTH solution, designed for quick installation and minimal on-site intervention. Its compact design fits seamlessly into residential and professional environments, ensuring secure and durable fibre connections.



- Plug and play installation No splicing required
- Factory-prepared drop cable Quick unwinding for easy deployment
- Compact and discreet Only 24mm depth for seamless integration
- SC/APC protected outputs Self-locking shutters for safety

# CABLE FOCUS

### DROPTIC<sup>®</sup> LM028WH Indoor Drop cable <sup>(3)</sup>

The DROPTIC<sup>®</sup> LM028WH drop cable is used to carry optical fibre almost invisibly to the OTO. This cable has been developed to allow connections inside individual or collective housing. Thanks to its flexibility, the LM028WH cable can be installed by pulling, laying or gluing, along plinths, door or window surrounds.

- CPR Cca
- Discreet and quick connections
- Flexible for easy installation
- Good curvature performance



# TECHNICAL FOCUS

To enhance adaptability and efficiency, Telenco offers several kit formats (XXS, XS, S, L, XL), according to the cable type and the length to manage. Benefits are easy: less manipulation and storage optimization to reduce environmental impact.

- Faster installation time
- No extra tools needed
- Preserve customer privacy





Unwind all the cable from the kit.

Extract the cable from the cardboard kit.

Extract the OTO from the cardboard reel to install it.

# TECHNICAL FOCUS

# OTO (Optical Termination Outlet), FB (Floor Box) Which version to choose?



Pre-cabled OTO, Fusion splice in FB

All the operations are made on job site. Installation operations inside the OTO must be carried out by a technician.

 $\mathsf{Pigtail}(\mathsf{s})$  and fibre optic protected by the drop cable must be spliced inside the OTO.

After installing the drop cable at the proper length, fibre optic from the drop cable must be spliced with another optical fibre inside the FB.

🙂 Zero cable waste, cables are cut at the needed length

Overall installation time

From the factory, the connector is mounted on the drop cable and then plugged on the adapter. Both are placed inside the OTO. On the field, OTO is wall-mounted. After cutting the cable at the proper length, the fibre optic within must be spliced to another fibre optic inside the FB.

- O No splice required inside the OTO
- **©** Quality control on connectors
- ☺ Zero cable overlength management
- Overall installation time
- 🔆 Cable waste

### **Preconnectorized FB and OTO**

Material:

• Pre-cabled OTO with

a bare drop cable



• Adapter

• FB

From the factory, connectors are mounted on drop cables ends. One is plugged on the adapter placed inside the OTO. On the field, the OTO is wall-mounted. After cable installation and cable overlength management, the preconnectorized cable is plugged into the FB.

- Overall installation time
- © Quality control on connectors
- O No splice required inside the OTO
- 😔 Cable overlength management

Full Preconnectorized from BEP to OTO



From the factory, the FB Reel and OTO Reel are fully preconnectorized and delivered with inside stored cable, up to 20m for the FB and 10m for the OTO. The deployment is made without any splice from the BEP to the OTO and the reel feature prevents overlenght coil.

- ☺ Fast deployment
- $\bigcirc$  No splice required in the building
- ⊙ Zero cable overlength management



# A global offer for telecoms networks

# FIXED - MOBILE - PRIVATE - DATA CENTRES



# SINGLE DWELLING UNITS: SEMI-DETACHED AND TERRACED HOUSES

Bringing fibre to high-capacity single dwelling unit (SDU) requires solutions designed to densify customer connections while being reliable in critical environment conditions. With shared infrastructure and limited installation space, deployments must be non-intrusive, ensuring both efficiency and aesthetic integration.

Telenco designs solutions that **withstand** external conditions while remaining practical and **easy to install**. Built for **durability** and **reliability**, they enable operators to deploy fibre efficiently while delivering a **high-quality service** to end users.



### ODP S1 or S2 1

The ODP is an FTTH distribution box designed to connect up to 12 customers. It ensures efficient fibre distribution while maintaining a discreet and durable design for facade or pole installations.

- Splice, preconnectorized or pre-equipped with splitters
- Capacity up to 12 customer connections
- Compact and discreet Minimizes visual impact in urban environments
- Secure design Separate areas for distribution and connection areas
- Reliable and durable IP55-rated, IK09 impact resistance, and UV protection
- Fast installation No additional components required, double-lock system for safety
- The ODP S2 version allows an extension with a secondary distribution cable





### OTO One 2

Thanks to its compact and discreet design, this OTO blends in well with all indoor installation environments. The OTO One enables the management of bare and sheathed fibres on two different levels.

- Compact, sleek and discreet design
- Bend radius control
- Increased mechanical protection
- Easy to install, time-effective re-interventions on site
- Integrated protective flaps

### WPD – Wall pass-through device (3)

The WPD ensures a safe and durable transition for optical cables from outdoor to indoor environments. It protects fibre integrity, maintains a controlled bending radius, and secures mechanical fixation, preventing damage or performance loss.



- Protects fibre integrity Maintains proper bending
- Radius to prevent signal loss
- Secures cable entry Ensures strong mechanical fixation to avoid displacement
- Enhances installation quality Provides a clean, professional, and durable finish

# CABLE FOCUS

### DROPTIC<sup>®</sup> LM2 Indoor/Outdoor Drop cable (2)

DROPTIC<sup>®</sup> LM2 is modular drop cable range solutions, ruggedly designed to meet all FTTH roll-out needs from distribution points to subscriber's premises.

All dielectric, LM2 can be installed indoor or outdoor, in SDUs or MDUs configurations Built with complete longitudinal sealing, DROPTIC® LM2 is used for duct cable laying on short distances, up to 50 meters. These drops are compatible with all indoor cable



running techniques: by pulling, gluing or stapling.

# TECHNICAL FOCUS

# DROPTIC<sup>®</sup> Bend insensitive fibre

International Telecommunications Union organisation has established several categories of bend insensitive fibres, characterised by macrobending losses. Telenco takes into account the main challenges of last mile connections. To bring reliable solutions for buffer storage in outdoor or indoor boxes, cable running inside buildings or on facades, drops glued or stapled alongside plinths, Telenco provides mainly for solutions compliant with ITU recommendations for G.657A2 or G.657B3 fibres.



(source: ITU-T G657 recommendation – 11/2016)

# SINGLE DWELLING UNITS: OVERHEAD DEPLOYMENT

Telenco offers various solutions for connecting single dwelling unit (SDUs) via aerial networks, adapted to diverse installation requirements. Pole-mounted distribution boxes, designed to meet operator standards, can serve up to 24 home passed using the ODP S3, through splitter or point to point connections.

For end-user connections, the product range supports both **direct house entry** with **outdoor/indoor cables** or **transition boxes** for splice between outdoor and indoor cables.



# ) TECHNICAL FOCUS

# Pole line hardware for aerial FTTH roll-outs

For all overhead deployments, Telenco provides a large range of telecom equipment meeting most of the requirements set by national Telcos such as Orange, BT Openreach, Deutsche Telekom and international standards.

To bring fibre to premises via a drop cable in overhead configuration, we recommend:

- AC560 drop clamp for Ø 5mm double sheathed drop
- 5/35 FTTH R or @ clamp for round drop cable without FRP Ø 3 6mm
- AC85F or hypoclamp for flat, FRP reinforced drop cable





### ODP S3 – Optical distribution Point 🧃

The optical distribution box S3 is designed to connect up to 24 end-customers. It can be configured with 16 SC/APC or 24 LC/APC or for splice customer connections. Up to 3 splitters 1x8 can be installed.

- Sober design
- Reliable and Durable IP55 rated, IK09 Impact resistant
- Locking system with a secure key or 8mm triangle locker
- Unlosable drop cable entries
- Integrated wall and pole mounting bracket
- Midspan and secondary extension possibilities for distribution cables

### ODP G – Optical distribution Point 1

ODP can This serve up to 8 customers in such a minimal volume for aerial crowded environment. the fibre extraction, It enables pass-through or the termination of a distribution cable. The PBO G mounts on all type of poles or facades and is compatible with installation in manholes (IP 65). Equipped with a splitter 1x8 SC/APC and 8 adaptors SC/APC, PBO G enables the direct connection of preconnectorized drop cables.

• Capacity up to 8 customers • Compact – Only 1.5L

• Safe, discreet and intuitive use

### OTB – Optical Transition Box 2

The OTB ensures a secure and discreet optical transition between outdoor and indoor drop cables or serves as a compact repair solution up to 4 fibres. Designed for facade or pole mounting, its minimal visual impact preserves the aesthetics of the installation while ensuring long-term durability.



- Multi-use design Optical transition or cable repair
- Minimal footprint for seamless integration
- Quick and easy installation Mounts on facade or pole

### OTO Access B

This OTO Access is a versatile solution as it can be used as an optical termination point up to 2 SC connections, or as a fibre optic transition box enabling splice between 2 cables.

- Various cable entries
- Secured locking



# **CABLE FOCUS**

### DROPTIC<sup>®</sup> LX030PU drop cable 4

The DROPTIC<sup>®</sup> LX030PU is an optical drop especially engineered for overhead line and facade FTTH roll-outs with spans up to 70 meters. UV resistant, this outdoor drop cable is built with a tight construction and а polyurethane sheath. DROPTIC<sup>®</sup> LX030PU presents a reduced diameter of Ø 3mm and very good performances in terms of flexibility, crush and abrasion.

- High aerial performances with reduced diameter
- Compatible with Field Mountable Connectors Ø 3mm



### DROPTIC<sup>®</sup> LM021WH Indoor Drop cable **(5)**

The family of DROPTIC<sup>®</sup> indoor drop cable LM021WH is developed for indoor FTTH deployments. The DROPTIC® LM021WH drop cable is used to route optical fibre to the Optical Terminal Socket. This cable has been developed to allow connections inside

individual or collective housing. Thanks to its flexibility, the LM021WH cable can be installed by pulling, laying or gluing, along plinths, door or window contours.

- Reduced diameter for discreet and quick connections
- Flexible for easy installation



# SINGLE DWELLING UNITS: UNDERGROUND DEPLOYMENT

In residential areas with existing underground infrastructure, connecting homes is fast and efficient using a pre-cabled kit. The connection to the end customer is easy: pulling the cable of the OTO kit up to the nearby manhole distribution box.

Thanks to the double jacket, the **DROPTIC**<sup>®</sup> **LM4** pre-cabled with the **OTO Hestia** or **DTIO**, provides a **seamless and reliable connection** to the fibre network.



### Fibre Closure BPEO S0 or S1 Corning 1

This multi-purpose enclosure for outside plant fibre access networks offers a sealed environmental protection while also providing an easy and reliable way to connect future subscribers. This optical distribution point is used for distribution cable management applications (extraction, pass-through or termination) and is usually installed in manholes as it resists to long term immersions (IP68).

- Toolless and simplified opening/closing
- High accessibility to fibre
- Unique ECAM design mechanical cable entries enabling to add cables without interfering with fibre already installed
- S0 up to 12 customers drop cables, S1 up to 16





BPEO S0 Corning

BPEO S1 Corning



### Eline<sup>®</sup> DTIO 2

This network access box is a versatile solution as it can be used upon convenience both as an optical telecommunications outlet and as an intermediate distribution point. Usually located inside a residential communication gateway, the eline<sup>®</sup> DTIO has the shape of a circuit breaker and mounts in one click on a DIN rail. This product solution enables an intermediate test control of the end-user communication line.

- Available in splicing
- or preconnectorized versions
- Safe, discreet and intuitive useUp to 4 optical connections
- enabling multi-service applications

# CABLE FOCUS

### DROPTIC<sup>®</sup> double jacket LM4 drop cable **③**

The DROPTIC<sup>®</sup> LM4 optical cable presents a double sheathed construction. Built with rip cords, this cable's outer HDPE sheath can be removed in a couple of seconds. This operation gives access to an indoor DROPTIC<sup>®</sup> LM1L cable used for transmitting the optical signal all the way to the OTO, without optical splices.

- High aerial and duct performances
- Rugged, complete longitudinal sealing construction
- Preconnectorized with SC or LC connectors
- Available in different lengths or in pigtail version





Some cases require using connection point in a small manhole just before entry inside home. This closure can protect up to 4 fusion splices, is compatible with low bend G657 fibre and can be installed in a manhole 30 x 30cm.



Two cables with diameter  $\emptyset$  3.8mm to  $\emptyset$  6.2mm can be connected in line or butt. This closure can be used for aerial or underground application.

- Discrete design
- Installation in a manhole, on a wall or on a pole
- Easy to install



# FIBRE TO THE ROOM – IN-HOME DEPLOYMENT

Until today, the optical fibre is mainly used in the living room with a limited Wifi coverage throughout the home. FTTR involves covering every corner of the home with ultra-high broadband, ensuring top-quality, stable, low-latency connections, while supporting simultaneous connections.

The ISP router, MFU (Master FTTR Unit), is connected to the SFU (Slave FTTR Unit) which are located in the rooms, via a local fibre network. The main fibre unit «MFU», is connected to slave fibre units «SFU», thanks to an in-home optical fibre network.

While recent constructions are designed with a built-in cable duct network, deploying a local fibre grid in an older premise involves installing the fibre alongside walls and plinths.

Telenco's FTTR product range addresses this challenges with transparent cables and neat design accessories.

- Clean and easy installation invisible cable deployment
- Time saving with full preconnectorized solutions





### Optical fibre extension box 🏼 🕦

This extension unwinding box is a preconnectorized optical indoor cable with SC or LC connector to deploy the optical fibre inside the premise and to store the overlength properly. It is used between the splitter box and the SFU. This box is available with small diameter cable  $\emptyset$  1.6mm and also with discreet cable  $\emptyset$  0.9mm white or transparent which minimize the visual impact.

- Full preconnectorized installation no need of a splice
- Clean deployment no overlength left on the ground almost invisible installation with transparent cable
- Neat design of the box easy integration in the room
- Several configurations available with LC or SC connectors:

- 70m Ø 0.9mm cable transparent or white to unwind + 1m Ø 1.8mm to connect to the equipment – Fibre G657A2 or B3 - 40m Ø 0.9mm cable transparent or white to unwind + 3m Ø 3mm to connect to the equipment – Fibre G657A2 or B3 - 20m Ø 1.6mm cable white to unwind + 1m to connect to the equipment - Fibre G657A2

### Remote termination connection point **2**

The RTP is a compact device made to host an optical connectorized termination. It is designed to receive a preconnectorized cable or allows the installation of a field mountable



connector. The small size and neat design ensure a clean integration inside the room along a plinth.

- Compact and discreet box
- Delivered with SC or LC adaptor with shutter
- Easy handling

### FMC – Field mountable connector SC/APC (3)

The FMC offers similar optical performances with those provided by standard connectors. This connector mounts easily and quickly on job sites,



while also providing a very high reliability. The  $\emptyset$  0.9mm version can be used with the discreet cable deployed in each room for the FTTR connection.

- Quick and easy fibre termination process
- High and reliable performances with factory polished and ceramic ferrule

### Splitter box 4

The splitter box is used to separate the optical signal coming from the MFU to connect all SFU placed in each room of the premises. To cover most of configurations, 2 versions are available. The first with 4 outputs offers a symmetrical splitting ratio 25% for each port. The second one



with 5 outputs offers the possibility to cascade several splitters to cover more rooms or floors.

- Preconnectorized splitter with SC connectors
- Version 1x4: Symmetrical 25% each output port
- Version 1x5 for cascade applications
  - Splitting Ratio: 70%-4x7,5% - Splitting ratio: 85%-4x3,5%

# Accessories wall-plugs, wall pass through tool, corners

To facilitate the fibre pathway on visible surfaces, the range features dedicated accessories:

- Wall plug to seal the hole made in the wall for passing the connector
- Wall pass through tool
- Inside and outside corners to ensure the fibre bend radius

# <u>stelenco</u>

# Taking action as a responsible company







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# SELECTION GUIDE - ENCLOSURES

Function	Product		Main features	MDU High capacity	MDU low capacity	SDU Semi-detached houses	SDU Overhead deployment	SDU Underground deployment	In-home deployment
Basement of Building	IDB		<ul> <li>Scalable modular concept, allowing the addition of several modules above or below the first one installed</li> <li>Module 24-48 FO and 72 FO - SC or LC</li> <li>Module to manage patchcords overlength</li> </ul>	х	х				
	BEP size M	- A second	<ul> <li>Splice or preconnectorized application</li> <li>Up to 168 splices - 36 SC - 72 LC</li> <li>Possibility of splitter 1x4 to 1x32</li> </ul>	х	х				
	BEP size S	T	<ul> <li>Splice or preconnectorized application</li> <li>Up to 36 Splices - 7 SC - 14 LC</li> <li>Possibility of splitter 1x4 and 1x8</li> </ul>		х				
Floor distribution boxes	IODP		<ul> <li>Splice or preconnectorized version</li> <li>Up to 48 splices</li> <li>Up to 12 customers</li> </ul>	х	х				
	FB Reel		<ul> <li>Solution dedicated for full preconnectorized deployment</li> <li>Up to 12 customers - LC Connector</li> <li>Available with cable length 20m, 40m, 60m - 4FO, 8FO, 12 FO</li> </ul>	х	х				
Optical termination outlet	OTO Reel		<ul> <li>Full preconnectorized solution</li> <li>Cable overlength managed inside OTO</li> <li>Available with cable length 10m, 20m, 30m, 40m</li> </ul>	×	х	х	х		х
	OTO HESTIA		<ul> <li>1FO, 2FO, 4FO versions, SC or LC connector</li> <li>Fixation wall or DIN rail</li> <li>Delivered with adaptors and pigtails</li> <li>Preconnectorized kits available with indoor or outdoor cable</li> </ul>	х	х	х	х	х	х
	OTO ONE		<ul> <li>1FO, 2FO versions, SC connector</li> <li>Fixation wall</li> <li>Delivered with adaptors and pigtails</li> <li>Preconnectorized kits available with indoor or outdoor cable</li> </ul>	х	х	Х	х	х	х
	DTIO		<ul> <li>1FO, 2FO, 4FO versions, SC connector</li> <li>Dedicated for integration inside cabinet equipped with DIN rail</li> <li>Preconnectorized kits available with indoor or outdoor cable</li> </ul>	х	х	х	х	х	х

Function	Product		Main features	MDU High capacity	MDU low capacity	SDU Semi-detached houses	SDU Overhead deployment	SDU Underground deployment	In-home deployment
Pole and facade distribution boxes	ODP S3		<ul> <li>IP55</li> <li>Up to 24 customers</li> <li>Splice and preconnectorized versions</li> <li>Up to 16 SC, up to 24 LC, up to 96 splices</li> <li>Midspan and secondary extension for distribution cables</li> <li>Up to 3 splitters 1x8</li> </ul>			х	х		
	ODP S2		<ul> <li>IP55</li> <li>Up to 12 customers</li> <li>Splice and preconnectorized versions</li> <li>Up to 12 SC/LC, up to 48 splices</li> <li>Midspan and secondary extension for distribution cables</li> <li>Available version equipped with a splitter 1x8</li> </ul>			Х	×		
	ODP S1		<ul> <li>IP55</li> <li>Up to 12 customers</li> <li>Splice and preconnectorized versions</li> <li>Up to 12 SC/LC, up to 12 splices</li> <li>Available version equipped with a splitter 1x8</li> </ul>			х	х		
	ODP G		<ul> <li>IP65</li> <li>Up to 8 customers</li> <li>Preconnectorized version</li> <li>Up to 8 SC/LC, up to 36 splices</li> <li>Equipped with a splitter 1x8</li> </ul>			х	х		
Underground distribution boxes	BPEO Corning S0		<ul> <li>IP68</li> <li>Splice and preconnectorized</li> <li>Up to 12 customers</li> <li>Up to 48 splices</li> <li>Up to 8 SC/APC</li> </ul>					х	
	BPEO Corning S1		<ul> <li>IP68</li> <li>Splice and preconnectorized</li> <li>Up to 16 customers</li> <li>Up to 144 splices</li> </ul>					х	

Function	oj Product		Main features	MDU High capacity	MDU low capacity	SDU Semi-detached houses	SDU Overhead deployment	SDU Underground deployment	In-home deployment
Transition boxes	eline® OTB		<ul> <li>Pole or facade fixation</li> <li>Up to 4 splices</li> <li>Can be used as a transition or repair box</li> </ul>			х	х		
	OTB IP68	14	<ul> <li>IP68 underground or aerial application</li> <li>Up to 4 splices</li> <li>Can be used as a transition or repair box</li> </ul>			х	х	х	
	WPD	<b>P</b>	<ul> <li>Discreet solution for transition Outdoor/Indoor using a double jacket cable</li> <li>Bend Radius protected</li> </ul>			х	х		
Extension boxes	Extension cable Ø 1.6mm	<	<ul> <li>Optical fibre unwinding box for extension</li> <li>21m cable Ø 1.6mm</li> <li>SC or LC connector</li> </ul>	х	х	х	х	х	х
	Extension transpar- ent cable Ø 1mm		<ul> <li>Optical fibre unwinding box for extension</li> <li>40m transparent cable Ø 1mm</li> <li>+ 3m cable Ø 3mm</li> <li>SC connector</li> </ul>	х	х	Х	х	х	х
Splitter boxes	Splitter box		<ul> <li>Preconnectorized splitter</li> <li>Version 1x4</li> <li>Version 1x5 - 70/30 or 85/15</li> </ul>						х

# SELECTION GUIDE - CABLES

Product		Main features	Application
Indoor Riser		<ul> <li>12-144FO</li> <li>Min. Ø 7.5 - Max. Ø 11.5mm</li> <li>CPR Dca</li> <li>Fast, easy and secured access to the fibre</li> <li>Non-stranded construction of the micro-bundles and to the longitudinal marking indicating the FRP position</li> </ul>	Indoor
LM021WH		<ul> <li>1, 2 and 4FO</li> <li>Ø 2.1mm</li> <li>CPR Cca</li> <li>100N Tensile strength</li> <li>Discreet and quick connections</li> <li>Flexible for easy installation</li> <li>Good curvature performance</li> </ul>	Indoor
LM1L		<ul> <li>1, 2 and 4FO</li> <li>Ø 2.8mm</li> <li>CPR Dca</li> <li>100N Tensile strength</li> <li>Discreet and quick connections</li> <li>Flexible for easy installation</li> <li>Good curvature performance</li> </ul>	Indoor
LM028WH		<ul> <li>1, 2 and 4FO</li> <li>Ø 2.8mm</li> <li>CPR Cca</li> <li>100N Tensile strength</li> <li>Discreet and quick connections</li> <li>Flexible for easy installation</li> <li>Good curvature performance</li> </ul>	Indoor
LM023WHP		<ul> <li>1, 2 and 4FO</li> <li>Ø 2.4mm</li> <li>CPR B2ca</li> <li>400N Tensile strength</li> <li>Proper blowing performance</li> <li>Discreet and quick connections</li> <li>Flexible for easy installation</li> </ul>	Indoor
LM028WHP		<ul> <li>8 and 12FO</li> <li>Ø 2.8mm</li> <li>CPR B2ca</li> <li>400N Tensile strength</li> <li>Proper blowing performance</li> <li>Almost invisible, brings optical signal to the floor distributor</li> </ul>	Indoor

	Product	Main features	Application
LM2		<ul> <li>1, 2 and 4FO</li> <li>Ø 4.1mm</li> <li>CPR Dca and Cca</li> <li>400N Tensile strength</li> <li>Compatible with all type of cable installation techniques</li> <li>Alternative engineering design</li> </ul>	Indoor, Facade, Duct, Aerial
LM4	•	<ul> <li>1, 2 and 4FO</li> <li>Ø 5.1mm</li> <li>CPR Dca</li> <li>800N Tensile strength</li> <li>Enables simple, fast and reliable outdoor-indoor transitions</li> <li>One drop for aerial, facade, duct and indoor FTTH roll- outs</li> </ul>	Indoor, Facade, Duct, Aerial
LX030PU		<ul> <li>1FO</li> <li>Ø 3.0mm</li> <li>800N Tensile strength</li> <li>PUR cable sheath: wear, tear and UV resistant</li> <li>High mechanical performances</li> </ul>	Indoor, Facade, Duct, Aerial

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