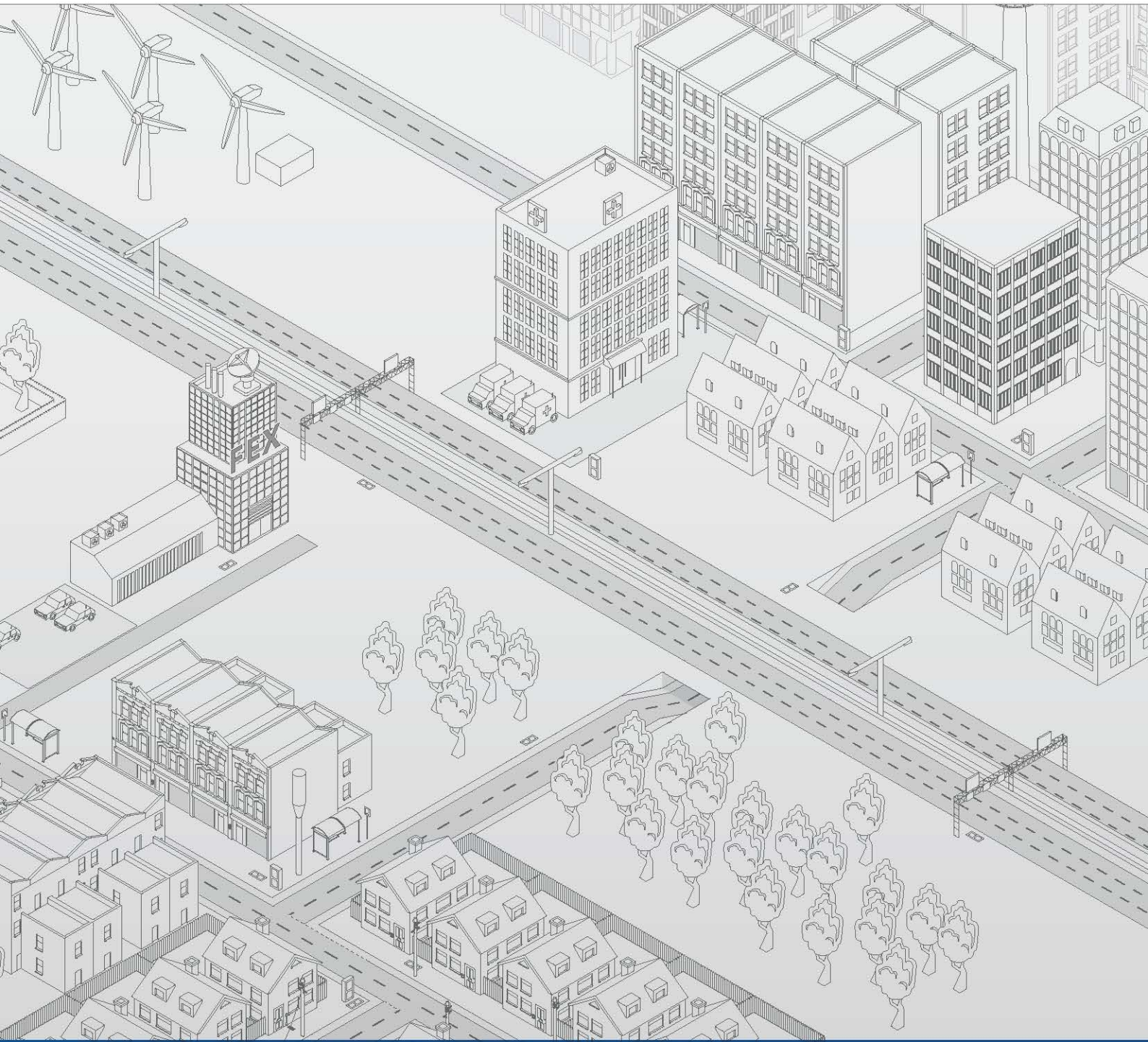
HellermannTyton
TELECOMS



Network Level 3 Solutions

Better Technology through Innovation

MADE TO CONNECT

We are HellermannTyton Telecoms

Three Companies.
One System Approach.
One Future.

HellermannTyton Connectivity (UK) gabocom (Germany) and HellermannTyton Estonia (Estonia) share one clear ambition: to build future proof fibre infrastructures that grow with demand – and work reliably as a complete system.

United under the HellermannTyton Telecoms umbrella, all three organisations are aligned by the same uncompromising standards of quality, system integrity and customer service.

This collective commitment gives customers confidence that every solution is designed, manufactured and supported to deliver dependable performance year after year.

Product Range

HellermannTyton CONNECTIVITY

gabocom a HellermannTyton Company

HellermannTyton ESTONIA

Individual Strengths. One Integrated System.

HellermannTyton Connectivity (UK) brings deep market insight and close customer collaboration, with a strong focus on practical deployment needs and real-world network operation. Its expertise in fibre management, innovation-led development and responsive local support helps customers design and implement solutions that are efficient, reliable and aligned with evolving UK and international network requirements.

gabocom (Germany) contributes decades of engineering excellence and a strong system-driven mindset. Known for precision design, robust product development and long-term performance, gabocom specialises in creating technically advanced fibre management solutions that deliver proven system integrity across complex network environments.

HellermannTyton Estonia (Estonia) adds advanced manufacturing capability and industrial efficiency, enabling high-quality, scalable production with consistent performance. With a strong focus on manufacturing excellence, process reliability and supply continuity, the Estonian operation ensures that system solutions are delivered with dependable quality and long-term availability.

Together, these complementary strengths form a unified capability, combining local market understanding, engineering precision and manufacturing excellence.

HellermannTyton Telecoms delivers a unified approach to fibre infrastructure across the entire network.

Our solutions are designed to provide structured, reliable and scalable fibre management from network handover through to internal network pathways.

Built to support a wide range of deployment models, our portfolio enables efficient network roll out while maintaining flexibility for future expansion.

Combined with our own manufacturing capabilities and a broad system portfolio, we offer robust, future ready connectivity and a reliable one stop solution for modern fibre networks.

End to End Solutions for Access and Distribution Infrastructure

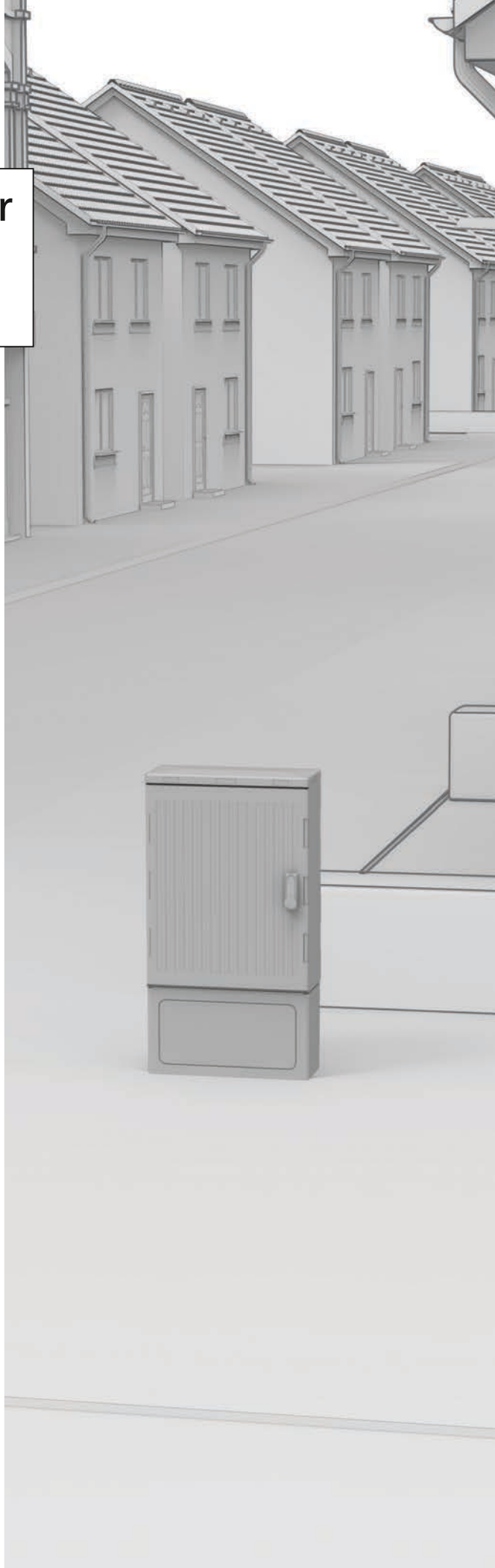
HellermannTyton Telecoms are leaders in product innovation and development for fibre connectivity within Level 3 (L3) access and distribution networks.

With an extensive portfolio of purpose designed and engineered solutions, we support every stage of the fibre infrastructure, from the street cabinet through to the building and end user premises.

Our solutions are suitable for Point to Point, Passive Optical Network (PON) and Wavelength Division Multiplexing (WDM) architectures, covering underground and aerial deployments, building entry, and a comprehensive range of MDU systems for internal network distribution.

We apply a consistent fibre management design across the entire network, delivering standardised routing, bend radius control, protection and labelling from handover points to internal fibre pathways.

Designed for scalable, wholesale L3 architectures, our solutions enable efficient fibre management and termination while maintaining flexibility across all deployment models. Supported by in-house duct manufacturing, we offer a broad range of duct sizes and bundled configurations, delivering robust, future-ready connectivity and a true one-stop solution for German L3 network deployments.



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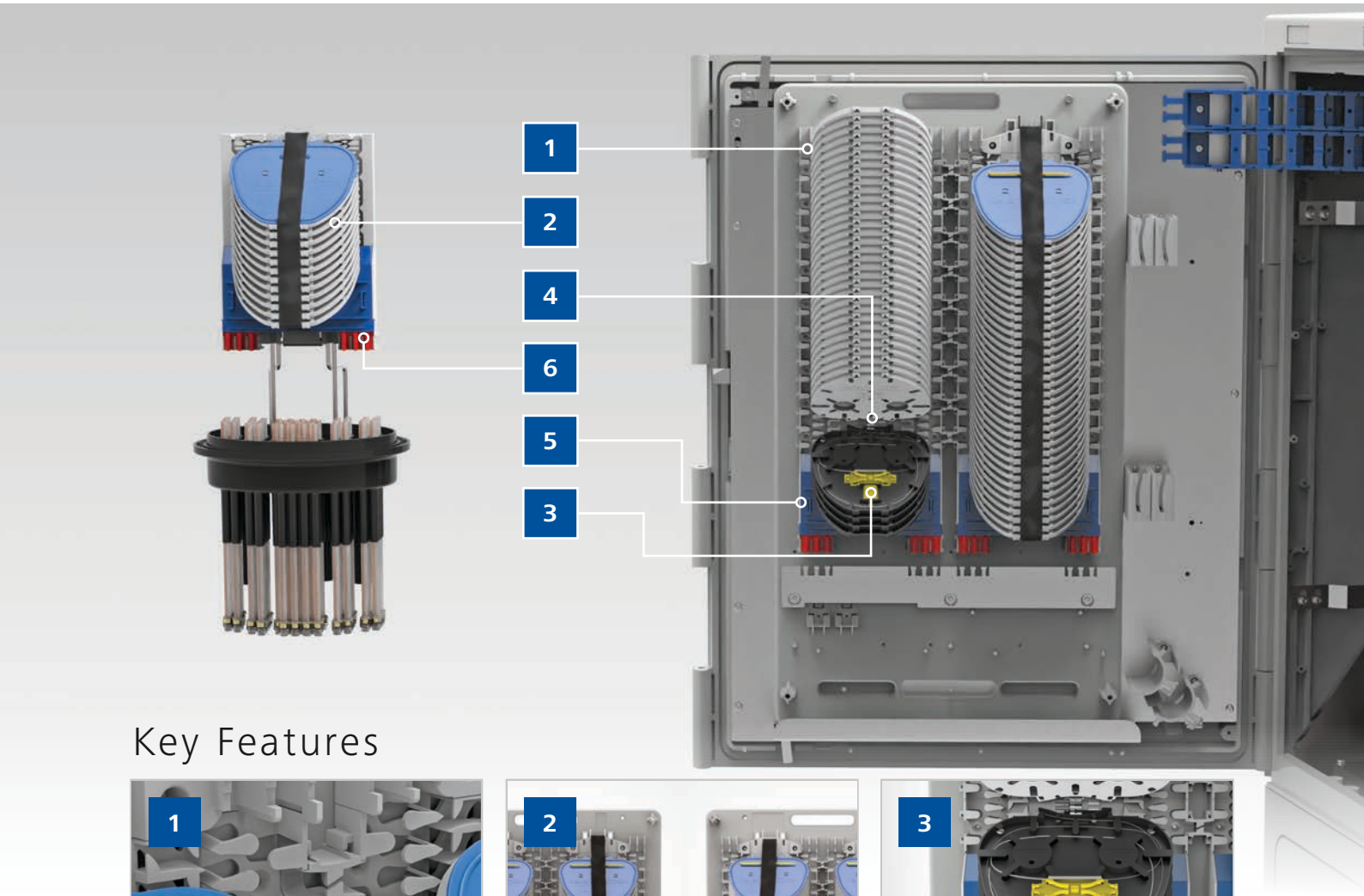


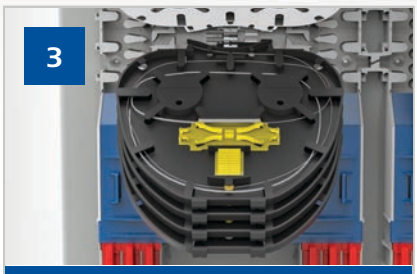
Key Features

Modular Fibre Management

The HellermannTyton FMS offers excellent fibre distribution and management from the fibre entry point onto the tray and between FMS stacks.

Splice Tray Options

The Modular FMS manages both single element and single circuit trays or a combination of both.

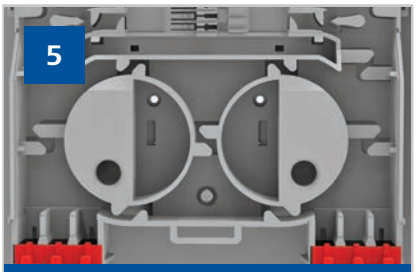


Splitter Accommodation

Single element splice trays can be fitted with PLC splitters enabling passive optical network configurations to be tailored to deployment needs.

Self Supporting Trays

The MKII IR splice trays feature a self-supporting design for fast, easy fibre access, with two entry points and front-mounted splice positions to simplify measurement and ensure accurate, efficient splicing.



Fibre Entry Block

The fibre entry block is designed to manage fibre entry into the FMS efficiently, allowing smooth changes in fibre direction while consistently maintaining a minimum bend radius of 30mm to protect fibre integrity and performance.

Fibre Retention Blocks

Incoming fibre elements are held in place with a fibre retaining block.

Dense foam secures the fibres and can be sized to accommodate different cable diameters

Built to be Better
Smarter Design Infrastructure

Build Quality & Safety
- Quality Mouldings
- No sharp corners
- All fibre facing edges are radiused to prevent snagging and micro-bending

Fibre Retention & Securing
- Incoming fibre elements are held in place with a fibre retaining block
- Dense foam secures fibres and can be sized for different cable diameters

Fibre Routing & Management
Bi-directional / Crossover Fibre Routing
- Fibre can be routed up or down for tray-to-tray applications (e.g. splitters)
- Crossover bridge allows fibre transfer between double-stack FMS

Active On/Off Fibre Routing
- Fibre is actively managed between tray and FMS to prevent snagging and micro-bending
- Left and right entry points onto each tray

Tray Configuration & Expandability
Easy Tray Addition
- Additional trays can be easily clipped onto the FMS

Dedicated Tray Locations
- Slots for Single Element (SE) and Single Circuit (SC-B) trays
- Prevents incorrect tray installation

Splicing Capability
- Supports a range of splice types (up to 60mm in length)
- Two splice bridges per SE tray
- Up to 24 splices per SE tray using double stacking

Visual Identification & Usability
- Colour Coded Parts - Components are colour coded to simplify field operations

Drop Cable Management
Langmatz Drop Cable Management
- Loop storage bobbins
- Maintains minimum 30mm bend radius

Sichert Drop Cable Management
- Patch cord guides and loop storage bobbins
- Maintains minimum 30mm bend radius

Learn more about Street Cabinets

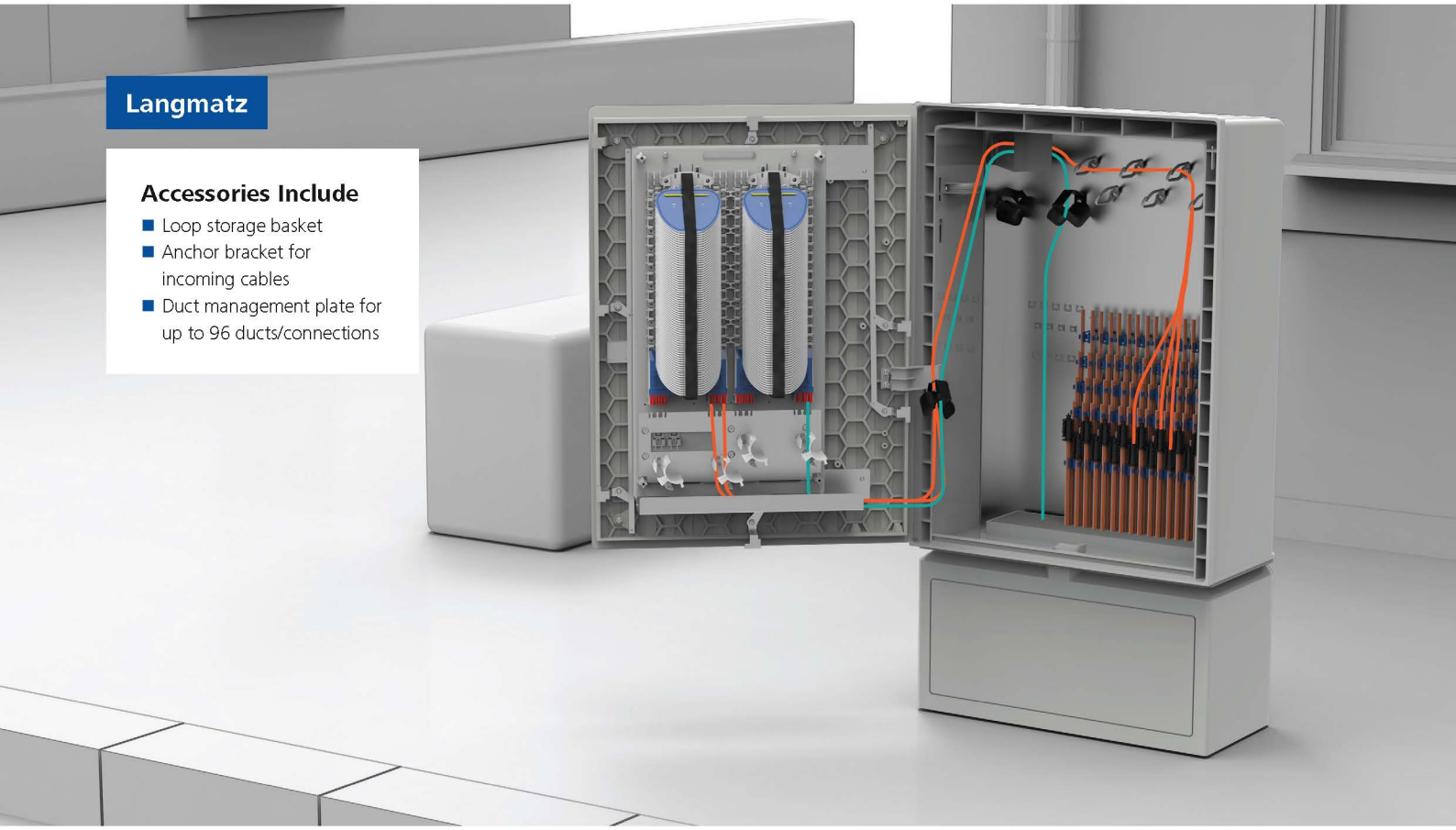
Our fibre connectivity solutions are compatible with almost any fibre network design. If you can't find the exact product to meet your needs, don't worry our extensive range will have the right solution for you.

Scan for more applications online.

Langmatz

Accessories Include

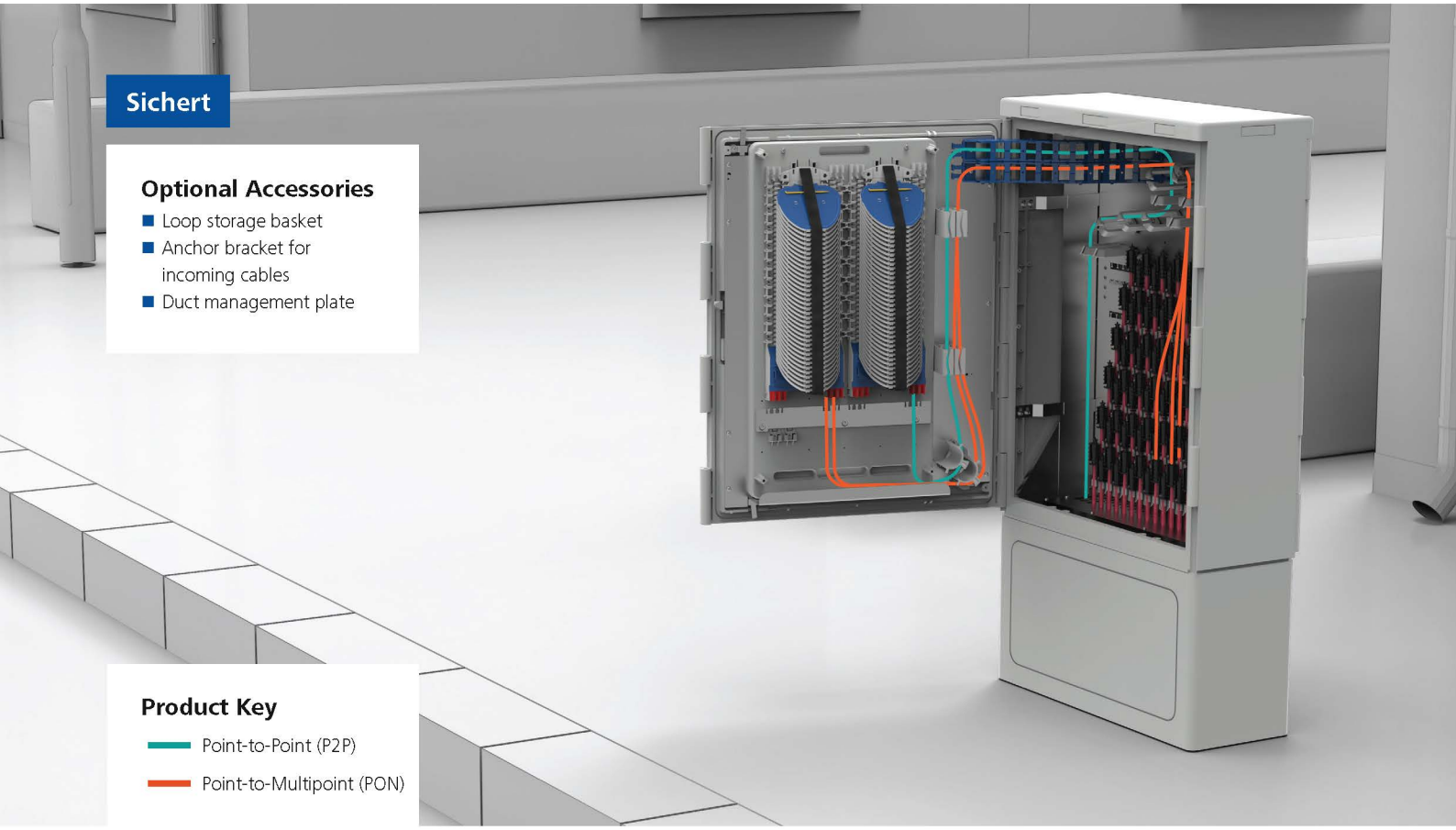
- Loop storage basket
- Anchor bracket for incoming cables
- Duct management plate for up to 96 ducts/connections



Sichert

Optional Accessories

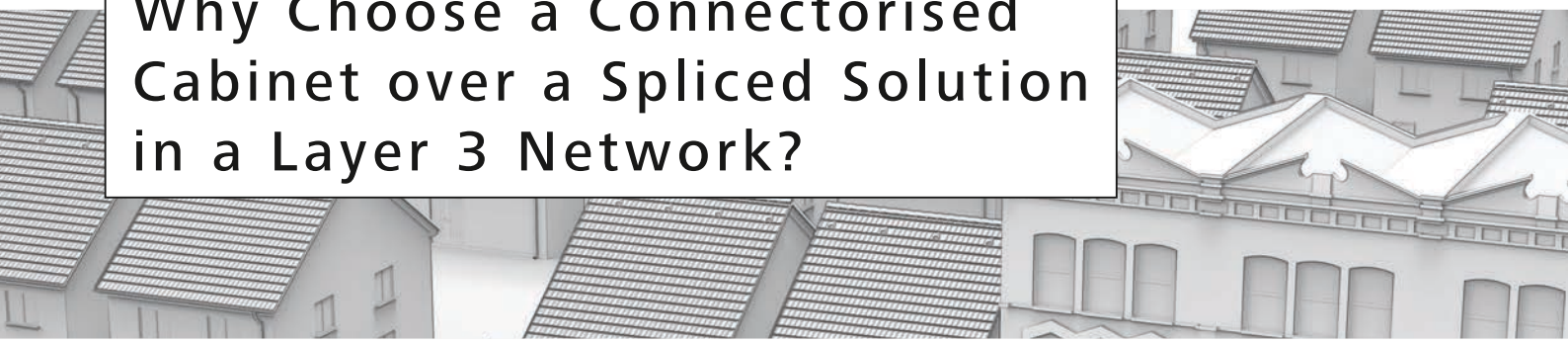
- Loop storage basket
- Anchor bracket for incoming cables
- Duct management plate



Product Key

- Point-to-Point (P2P)
- Point-to-Multipoint (PON)

Why Choose a Connectorised Cabinet over a Spliced Solution in a Layer 3 Network?



In Layer 3 (L3) fibre networks, efficiency, standardisation and operational reliability are critical, particularly as FTTH rollouts scale rapidly and networks transition from build to operate phases.

Connectorised cabinet solutions address these requirements more effectively than traditional spliced designs by reducing complexity, improving consistency, and accelerating deployment.

These advantages make connectorised cabinet solutions a practical and future-proof choice for L3 fibre networks, offering faster deployment, improved operational efficiency, and greater flexibility compared to traditional spliced cabinet designs.

Faster Deployment

A connectorised approach significantly shortens installation and commissioning times by eliminating or minimising on-site fibre splicing. Factory-terminated connectors ensure predictable quality levels, reduce dependency on specialist splicing skills, and support faster cabinet turn-up - an important advantage where labour availability, cost control, and build schedules are key considerations for operators and municipal utilities.

Minimise Downtime

From an operational perspective, connectorised cabinets enable greater flexibility over the network lifecycle. Moves, adds, and changes can be carried out quickly without splicing work, reducing outage risk and improving mean time to repair (MTTR). This is particularly valuable in networks designed for long service life, open-access models, or multi-operator use, where reconfiguration and scalability are expected.

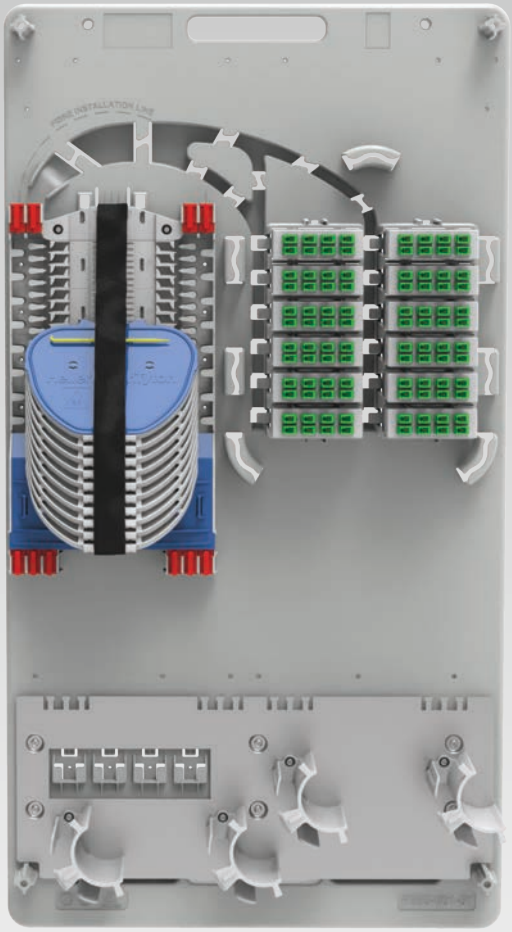
Improved Network Reliability

Connectorised solutions support a standardised, repeatable cabinet design. Pre-defined layouts, connector types (such as LC/APC), and modular components help ensure consistency across regions and deployment partners, improving quality control while lowering long-term operating costs.

Easier Maintenance, Upgrades and Testing

At the Layer 3 level, where clear demarcation between access, aggregation, and IP domains is critical, connectorised cabinets provide well-defined patching, cross connection, and test access points. This structured approach simplifies network documentation, accelerates fault isolation, and enables straightforward reconfiguration as the network evolves.

In addition, connectorised interfaces allow for efficient testing, commissioning, and ongoing performance verification without disturbing permanent fibre joints. Compared with fully spliced architectures which are slower to modify, more complex to audit, and less accessible for testing; connectorised solutions support faster maintenance activities, reduced operational risk, and greater long term flexibility.



Fibre Entry/Exit Routing
- Top and Bottom FMS entry points aid installation and eases congestion of incoming and outgoing fibres
- Cable Management Bridge provides support for splitter/ fanout cassette inputs

Adaptable Network Architecture
- Allows for dedicated P2P/P2MP as well as a mixture of both
- Ability to add WDM to network

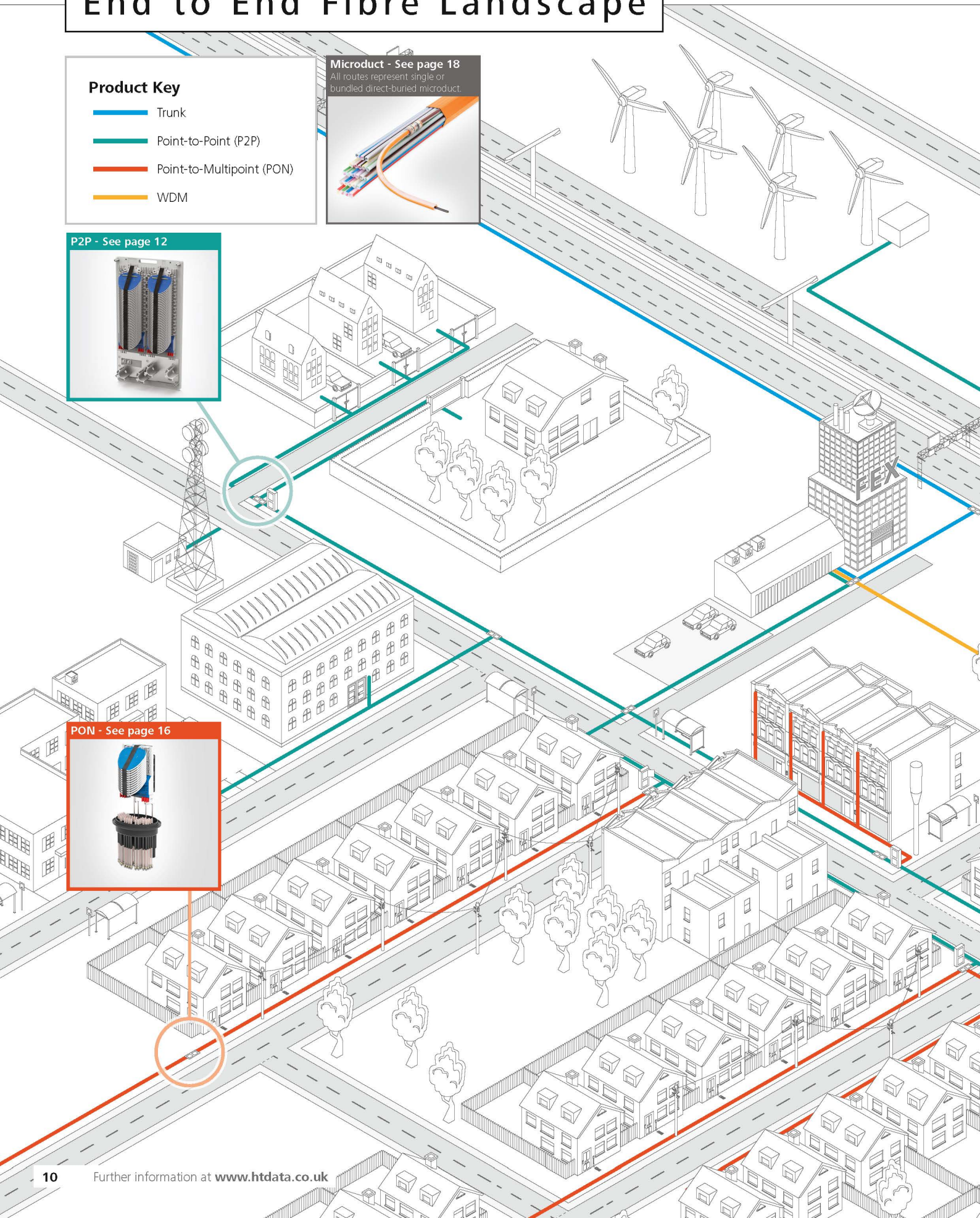
Improved Network Reliability
Factory terminated connectors ensure consistent quality, reducing the risk of errors compared to in-field splicing

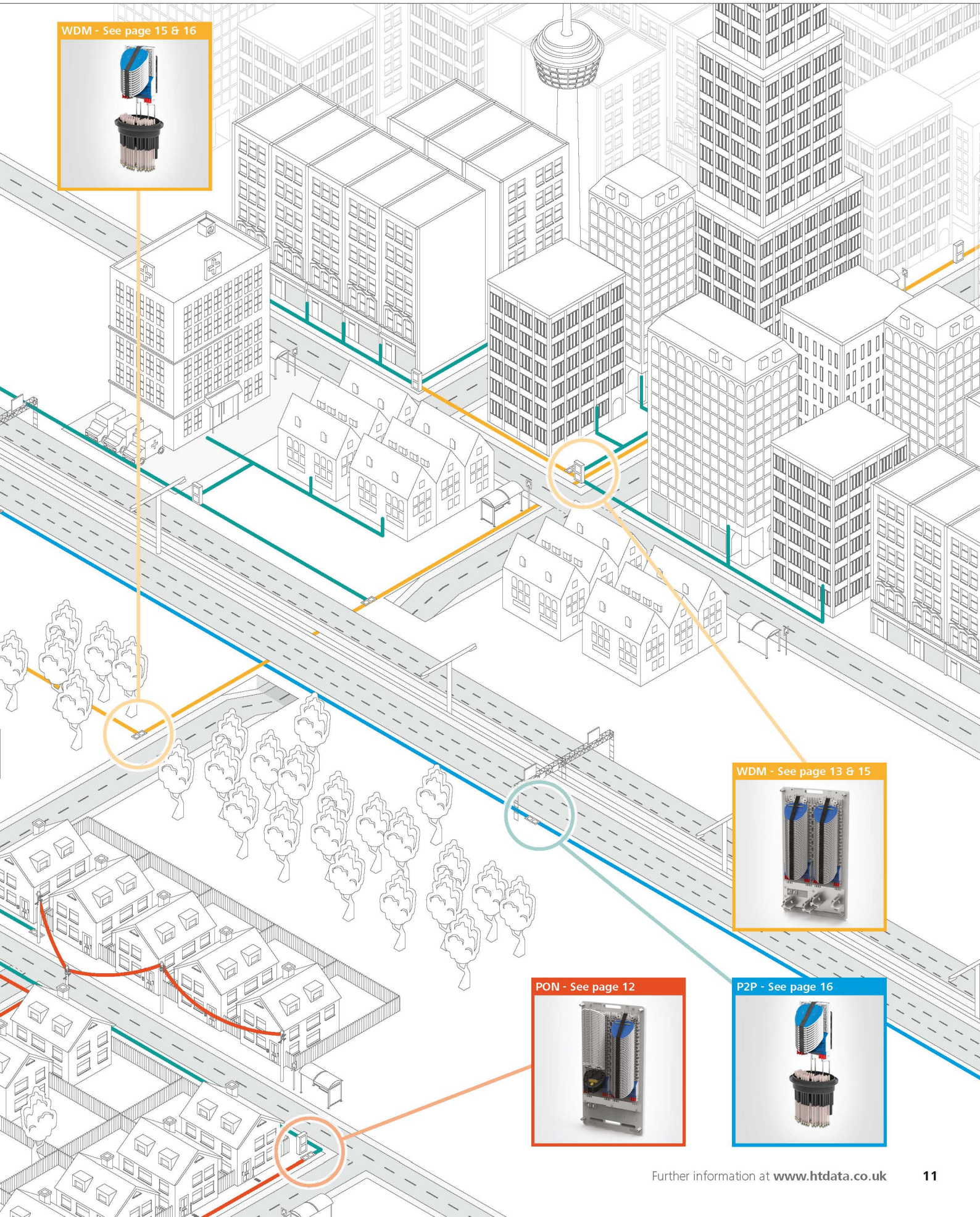
Easier Maintenance, Upgrades and Testing
Connectorised system allows for quick disconnection and reconnection of circuits whilst reducing the risk of disturbing other fibres and simplifies troubleshooting, testing and future upgrades to the infrastructure

Reduced Skilled Labour Costs
Plug and play functionality reduces the need for specialised splicing expertise and reduces the risk of error compared to in-field splicing

Faster Deployment
Pre-installed connectors, PLC splitters and fanout cassettes reduce installation time

End to End Fibre Landscape




WDM - See page 15 & 16
WDM - See page 13 & 15
PON - See page 12
P2P - See page 16

Point-to-Point

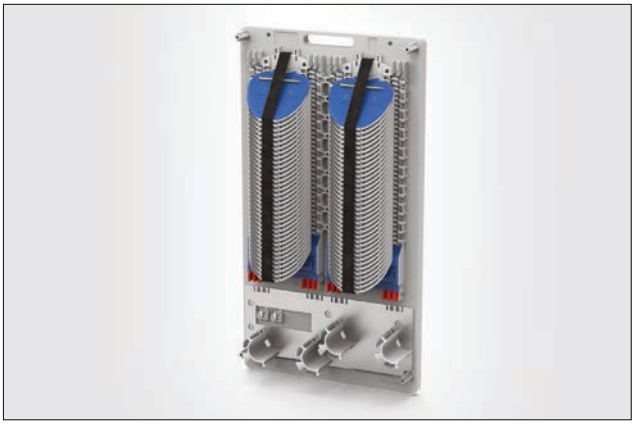
P2P

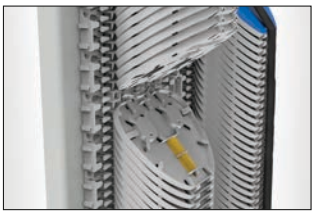
The HellermannTyton Point-to-Point (P2P) backboard solution has been designed for Level 3 fibre network deployment enabling high performance P2P fibre access for business parks, industrial zones and rural communities.

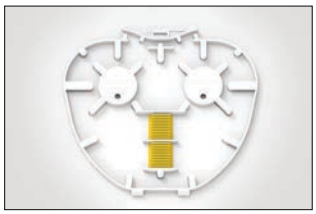
Engineered for scalability, resilience, and ease of operation, it forms a critical aggregation and distribution node within modern fibre infrastructures.

Key Features

- Maximum 1728 fibre splice capacity
- 72 SE or 144 SC-B splice tray capacity
- Positive fibre management ensures a consistent 30mm bend radius
- Bi-directional routing in the FMS and on splice trays
- Crossover bridge for routing between FMS stacks
- Maximum 24 ANT splices per tray
- Easy addition of P2MP(PON) or WDM trays







Top: Point-to-Point backboard (Langmatz shown)
Bottom Left: The MKII tray is designed to be self-supporting.
Bottom Right: Variety of trays available including coloured SE-IR MKII fibre splice tray with ANT bridges (shown).

Point-to-Multipoint (PON)

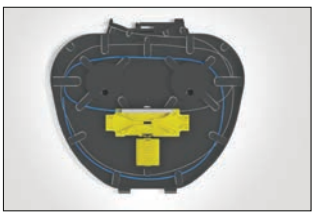
P2MP

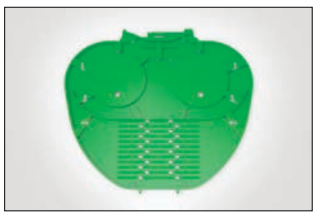
The HellermannTyton Point-to-Multipoint backboard solution has been designed for Level 3 fibre network deployment enabling cost efficient Point-to-Multipoint (P2MP) fibre distribution in residential areas.

It provides a reliable and scalable platform for delivering high speed broadband services to multi-dwelling units (MDUs), housing estates, and suburban and rural residential developments.

Key Features

- Maximum 1728 fibre splice capacity
- 72 SE or 144 SC-B splice tray capacity
- Wide range of SE PLC Splitter tray configurations available
- Positive fibre management ensures a consistent 30mm bend radius
- Bi-directional routing in the FMS and on splice trays
- Crossover bridge for routing between FMS stacks
- Maximum 24 ANT splices per tray
- Easy addition of WDM trays





Top: Point-to-Multipoint (Sichert shown with splitter tray).
Bottom Left: SE-IR MKII PLC Splitter Tray (PON).
Bottom Right: Variety of trays available including coloured SC-B MKII fibre splice tray with moulded ANT bridges (shown).

WDM

Wavelength Division Multiplexing

The HellermannTyton WDM backboard solution is an advanced, operator-grade solution designed for Level 3 fibre networks, enabling Wavelength Division Multiplexing (WDM) at the access and distribution layer.

It is purpose-built for environments where fibre routes are congested or scarce, allowing network operators to dramatically increase capacity without deploying additional physical fibres.

Key Features

- Wide range of WDM tray configurations available
- FMS supplied - trays configured to customer specification
- Positive fibre management ensures a consistent 30mm bend radius
- Bi-directional routing in the FMS and on splice trays
- Crossover bridge for routing between FMS stacks
- Maximum 24 ANT splices per tray

Top: Backboard with DWDM trays (Sichert shown).
Bottom Left: DWDM fibre splice tray.
Bottom Right: Variety of trays available including coloured SE-IR MKII fibre splice tray with ANT bridges (shown).

Connectorised

P2P or P2MP

The HellermannTyton connectorised backboard solution is a pre-terminated, operator-grade solution designed for fast and flexible deployment in Level 3 fibre access networks.

With support for Point-to-Point (P2P), Point-to-Multipoint (P2MP), and WDM architectures, it enables network operators to adapt the cabinet configuration to local network strategies while maintaining exceptional rollout speed in dense residential areas.

Key Features

- Option of 3 configurations or combination of any:
  - P2P for dedicated residential or premium services
  - P2MP (PON) for cost-efficient mass-market FTTH
  - WDM for capacity expansion where fibre density is high or ducts are congested
- All 3 options available on a splice tray or cassette
- Maximum of 96 LX SX connections
- Maximum 24 ANT splices per tray
- Positive fibre management ensures a consistent 30mm bend radius
- Bi-directional routing in the FMS and on splice trays

Top: Connectorised (Langmatz shown).
Bottom Left: 8-way cassette assembly.
Bottom Right: Close up of fibre management bridge.

SE-IR MKII Trays

IR Single Element SE MKII

The SE-MKII-IR single element tray is manufactured from ABS and finished to a high specification to eliminate the risk of snagging or microbends. All retaining tabs on the tray have radius edges and rounded corners where fibre may pass. The overall dimensions of the tray are 150 x 125 x 7mm.

The IR single element tray accepts a wide range of splice protector inserts and the maximum splice capacity varies in relation to the splice type used. The IR single element tray can accommodate 2 x 60 x 7 x 4mm optical splitters when using the optional splitter/ANT splice bridge.

Key Features

- Positive fibre management – minimum bend radius 15mm
- 2 fibre entry ports
- 2 mounting positions for splice inserts
- Maximum ANT splice capacity of 24 fibres
- Different splice bridge options to accommodate a range of splice types

Single Element IR SE-IR MKII coloured splice trays.

SC-B IR MKII Trays

IR Single Circuit SC-B MKII

The Integrated Routing (IR) single circuit SC-B MKII tray is manufactured from ABS and finished to a high specification to eliminate the risk of snagging or microbends. All retaining tabs on the tray have radius edges and rounded corners where fibre may pass. The overall dimensions of the tray are 150 x 124 x 3.5mm.

The IR single circuit tray moulded splice protector holders are positioned at the front of the tray for ease of fibre measurement and installation.

Key Features

- Positive fibre management – minimum bend radius 15mm
- 2 fibre entry ports
- Moulded splice holder for ANT splice protectors
- Maximum splice capacity 12 fibres

Single Circuit IR SC-B MKII coloured splice trays.

PLC Splitter Tray (PON)

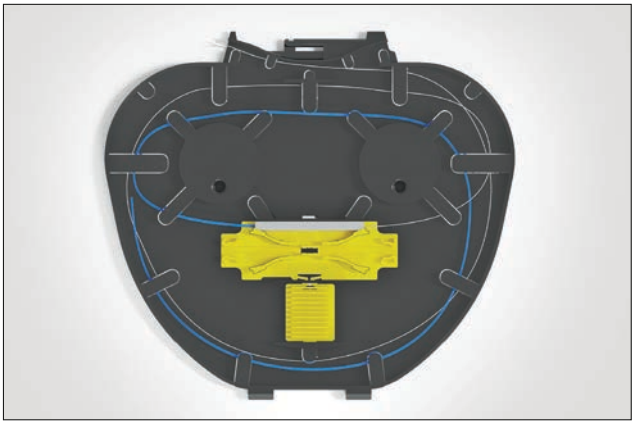
IR Single Element Splitter SE-B

The Integrated Routing (IR) single element tray is manufactured from ABS and finished to a high specification to eliminate the risk of snagging or microbends. All retaining tabs on the tray have radius edges and rounded corners where fibre may pass. The overall dimensions of the tray are 150 x 124 x 7mm.

The IR single element tray is fitted with 1 x ANT splice protector holder and 1 x PLC Splitter/ANT splice protector holder at the front of the tray for ease of fibre management and installation. The maximum splice capacity of the tray is 13 ANT splice protectors up to 60mm long.

Key Features

- Positive fibre management – minimum bend radius 15mm
- 2 fibre entry ports
- Supplied with ANT and splitter/ ANT bridge inserts
- Maximum splice capacity 13 fibres (ANT)



SE-IR MKII PLC Splitter Tray (PON).

WDM Trays

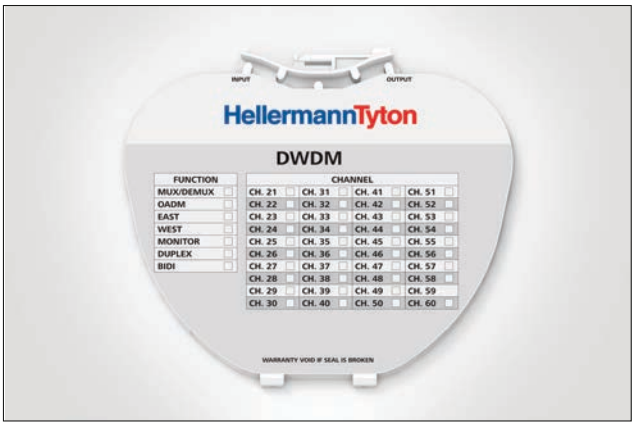
Wavelength Division Multiplexing

A modular WDM splice tray which utilises a low-loss design and thin film filter technology. The tray is manufactured from ABS, finished to a high specification and labelled identifying the WDM type and channels.

The overall dimensions of the tray are 150 x 124 x 7mm and the tray fits into the SE position of the FMS.

Key Features

- Available as CWDM, CCWDM and DWDM
- Express and Monitor options
- Bi-directional or Duplex transmission
- Optical Add/Drop Multiplexing (OADM) or Skip Filters
- Bare end or connectorised



DWDM fibre splice tray.

FDN 59 Port

Integrated Routing Dome Closures

The FDN fibre splice closure delivers fibre to the individual buildings or properties. The FDN is an oval shaped fibre closure with a high drop count making it the ideal solution for built up areas where there are multiple buildings to service. The base configuration of 59 ports accommodates a cable diameter range of 1.7 – 29.mm when using Cablelok mechanical seals.

The closure can be supplied in a splice or connectorised format providing a solution for a broad range of network designs.

Key Features

- Maximum 864 ANT fibre splice capacity
- 36 SE or 72 SC-B splice tray capacity
- Wide range of splice options including 3A/Ribbon
- Maximum of 48 LC connectorised drops
- Optional fibre storage for loop through applications
- Available in 4 lengths
- Cablelok and Ductlok compatible
- Conforms to EN 50411 and EN 61753
- Easy addition of P2MP(PON) or WDM trays
- Pre-tubed versions available on request

Top Left: FDN-IR 59 Port AB Length closure shown with 12 x SE-IR MKII splice trays and basket pre-tubed with microduct.
Top Right: FDN-IR 59 Port AB Length closure shown with 24 LC APC connections.
Bottom Left: Close up of microduct and end caps.
Bottom Right: Close up of connector plate and shield.

CFN 27 Port – Compact Fibre Node

Integrated Routing Dome Closures

The CFN closure range offers an underground solution for a wide range of FTTx applications for both P2P and P2MP (PON) topologies.

The CFN 27 port IR closure is supplied with a UV stable polypropylene base. The base configuration accommodates a cable diameter range of 1.7 – 20.mm when using Cablelok mechanical seals.

The closure can be supplied in a splice or connectorised format providing a solution for a broad range of network designs.

Key Features

- Maximum 288 ANT fibre splice capacity
- 12 SE or 24 SC-B splice tray capacity
- Wide range of splice options including 3A/Ribbon
- Maximum of 24 LC connectorised drops
- Fibre storage for loop through applications
- Available in 2 lengths
- Cablelok and Ductlok compatible
- Conforms to EN 50411 and EN 61753
- Easy addition of P2MP(PON) or WDM trays
- Pre-tubed versions available on request

Top Left: CFN 27 port M-length shown with SC-B trays.
Top Right: Connectorised CFN 27 port S-length shown with 2 x SE-IR trays and 1 x connectorised tray with LC/APC QD adaptors.
Bottom Left: Variety of trays available including SC-B and SE.
Bottom Right: Rear view of connectorised tray with LC/APC connection.

Mounting Brackets

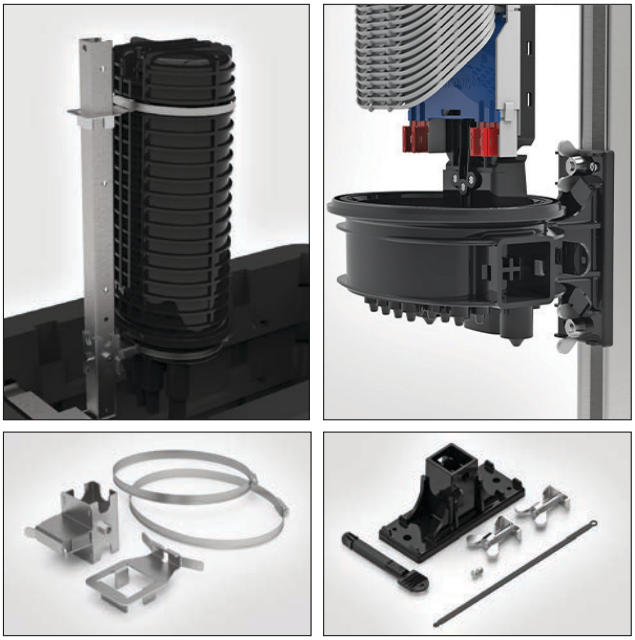
FDN and CFN Dome Closures

HellermannTyton offers a comprehensive range of mounting brackets designed for use with FDN and CFN dome closures, suitable for pit, pole, or wall installations.

Each bracket is engineered to allow the closure cover to be easily removed, enabling safe and efficient maintenance while the closure remains installed.

Key Features

- Available in pole/wall or Mobra mounting configurations
- Simple, robust designs for quick and easy installation
- Enables in-situ access by allowing the cover to be removed
- Manufactured from durable, UV-stable polypropylene or zinc-plated mild steel / stainless steel for long-term performance



Top Left: FDN mobra mounting bracket shown.
Top Right: CFN mobra mounting bracket shown.
Bottom Left: FDN mobra mounting bracket kit shown.
Bottom Right: CFN mobra mounting bracket kit shown.

Cable Anchors

FDN and CFN Dome Closures

HellermannTyton provides a range of purpose-designed cable anchors for use with both FDN and CFN dome closures.

These anchors ensure secure cable retention and effective strain relief, helping to protect fibres during installation and throughout the operational life of the network.

For FDN closures, additional anchor options are available to support IBRC fibre cables, accommodating cable diameters from 7mm up to 15mm, offering flexibility across a wide range of deployment scenarios.

Key Features

- Compatible with both FDN and CFN dome closures
- Provides secure cable retention and reliable strain relief
- IBRC fibre anchor options available for FDN closures
- Supports IBRC cable diameters from 7mm to 15mm
- Designed for quick, simple installation
- Robust construction for long-term performance

Top Row: FDN anchor shown.
Middle Row: CFN anchor shown.
Bottom Row: FDN ribbon fibre anchor shown.

Microduct - Single

Direct Buried / Thick Walled / HDPE

HellermannTyton's Single Microduct (SP-G) is a thick walled duct manufactured from HDPE and is suitable for direct buried applications in the FTTx network including branching off from existing trunk routes. The microduct is available in a variety of different sizes ranging from 7mm to 25mm.

Each duct has been designed with internal sliding ribs and is coated with HellermannTyton's G-Liner (low friction liner) to ensure an optimal air cushion for the fibre optic cable during the blowing in process.

Key Features

- Available in a broad range of diameters including 7,10 and 12mm
- Transparent inspection windows show the presence of cables
- A wide range of colour options
- Suitable for combination with sub-duct solutions
- Supplied on a wooden one-way spool which is optimised for transport and installation

Direct buried, thick walled, single microduct.

Microduct - Bundles

Direct Buried / Thick Walled / HDPE

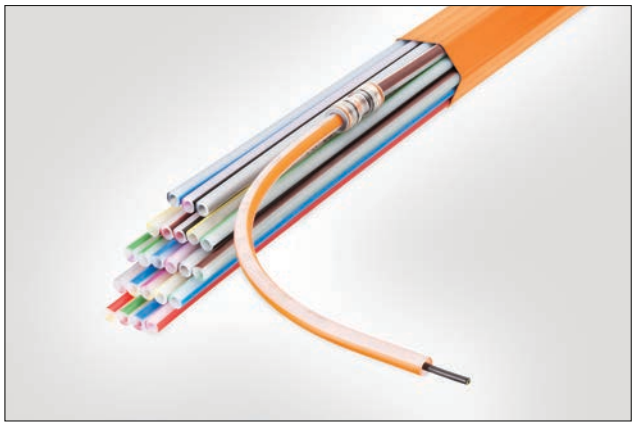
HellermannTyton's Microduct bundles (SRV-G) are a thick-walled duct manufactured from high quality HDPE material for Direct Buried (DB) applications which include, mole ploughing, open trench, slot cutting (Incl. narrow and micro trenching).

The SRV-G tube bundles are available in a variety of different sizes and can be mixed to create a combination of ducts to suit different network requirements.

To offer compatible end to end air blown ducted solutions, HellermannTyton manufactures its own in-house range of connecting and sealing elements.

Key Features

- Ideal for Direct Buried (DB) applications
- Optimised for long distance blowing
- Suitable for Push or Pulled installations
- Superior dimensional tolerances
- Very Low Ovality
- >30 bar burst test
- Made from high quality HDPE
- Coated with G-Liner, HellermannTyton's Low Friction Liner
- Ideal for
  - Mole Ploughing
  - Open Dig
  - Slot cutting (Incl. Narrow and Micro trenching)



Top: SRV-G 24 x 7mm.
Bottom Left: SRV-G 5 x 14mm and 3 x 14mm.
Bottom Right: SRV-G 24 x 7mm shown with EZA-t.

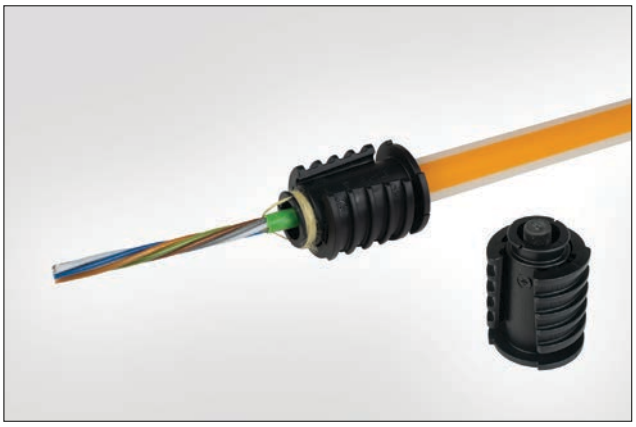
Divisible Seals

EZA-t

The Eza-t divisible cable/gas seal has been designed as a duct and cable seal with an integrated safety valve. The seals are available in a variety of sizes and covers a wide range of cable diameters. The EZA-t divisible seals are suitable for direct buried applications and are quick and easy to install.

Key Features

- Gas and water tight up to 0.5 bar
- Burst test 10 bar
- Suitable for sealing empty and occupied duct
- Quick and easy to install
- Reusable
- Compression seal
- Suitable for direct buried applications
- No specialist tool required
- No adhesive required



Divisible seals EZA-t.

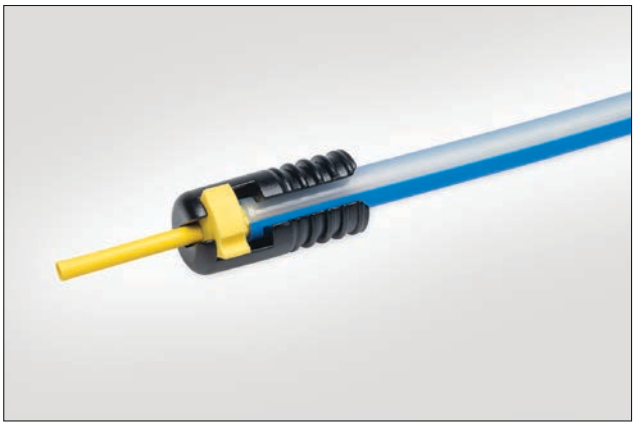
Divisible Seals

EZA-t Micro

The EZA-t Micro cable/gas seal has been designed for use where space is limited. The seals have an integrated safety valve and are available in a variety of sizes and covers a wide range of cable diameters. The EZA-t Micro is suitable for direct buried applications and are quick and easy to install.

Key Features

- Gas and water tight up to 0.5 bar
- Tool-less installation
- Optimally suited for retrofitting
- Perfect supplement for tight space conditions in cable distributors
- Colour coded to easy identification of cable diameter range
- Perfect for use where space is limited
- Quick and easy to install
- Suitable for direct buried applications



Divisible seals EZA-t Micro.

Divisible Seals

EZA-t mini

The EZA-t Mini cable/gas seal has been designed for use where space is limited or is hard to reach. The seals have an integrated safety valve and are available in a variety of sizes and covers a wide range of cable diameters. The EZA-t Mini is not suitable for direct buried applications and are quick and easy to install.

Key Features

- Gas and water tight up to 0.5 bar
- Reusable
- Tool-less installation
- Optimally suited for retrofitting
- Perfect supplement for tight space conditions in cable distributors
- Not suitable for direct burial
- Colour coded to easy identification of cable diameter range
- Perfect for use where space is limited
- Quick and easy to install
- Not suitable for direct buried applications

Divisible seals EZA-t mini.

Transparent End Caps

ES

The HellermannTyton range of transparent end caps (ES) are suitable for direct buried applications and provide a perfect fit to the corresponding microduct. The transparent end caps are used for closing microduct against dirt, gas and water up to 0.5 bar and beyond. They are resistant to tensile stress and can be easily installed and disconnected.

Key Features

- No counter bore
- High quality, well engineered
- Pressure tested to 15 bar and beyond
- Gas and water tight to 0.5 bar
- Resistant to tensile stress
- Easy to install and disconnect
- Push fit application
- Locking ring safety feature
- No specialist tool required
- No adhesive required

Transparent end caps.

Transparent Straight Connector

DSM

The HellermannTyton range of transparent straight connectors (DSM) are suitable for direct buried applications and provide a perfect fit to the corresponding microduct. The transparent straight connector provides clear visibility to ensure both duct ends are connected to allow a smooth transition from one duct end to another as the fibre cable travels through. The DSM's are available in a variety of different sizes to suit the corresponding microduct.

Key Features

- No counter bore
- High quality, well engineered
- Pressure tested to 15 bar and beyond
- Gas and water tight to 0.5 bar
- Resistant to tensile stress
- Easy to install and disconnect
- Push fit application
- Locking ring safety feature
- No specialist tool required
- No adhesive required

Transparent straight connector DSM.

End Cap and Marker

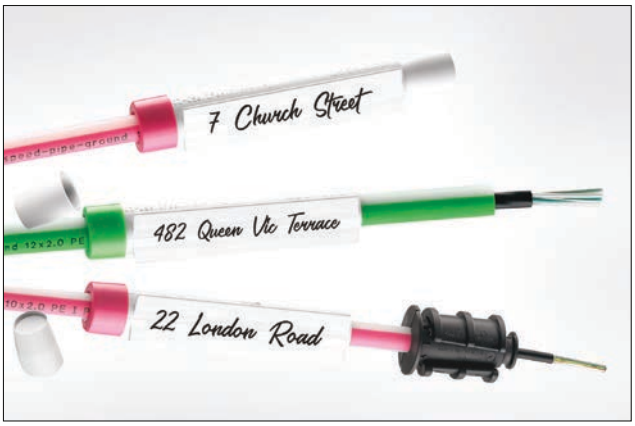
KmR

The KmR has been designed to enable network operators to seal off an open-ended duct against gas, water and dirt and as a marker label.

It is suitable for direct buried applications and can be easily installed. The KmR is available in a variety of different sizes to suit the corresponding microduct.

Key Features

- Seals and identifies in one product
- Gas and water tight up to 0.5 bar
- Push fit application
- Suitable for chambers and direct buried applications
- No specialist tool required
- No adhesive required



Identification labels with microduct end caps.

Direct Buried Branch Supports

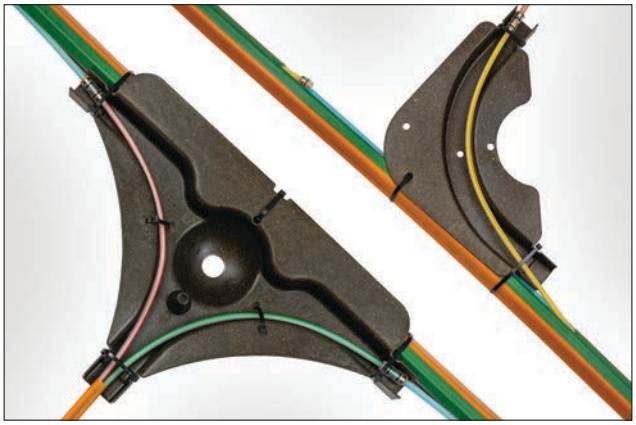
TBS & LBS

A single microduct can be branched from the duct bundle while maintaining a safe bend radius to the customer premises or the distribution box by using a T-branch support (TBS) or L-branch support (LBS).

The branch support is secured to both the microduct bundle in the ground and the branching microduct using cable straps. The use of a marking system, such as a marker peg or ball marker, facilitates the subsequent localisation of the branch.

Key Features

- T and L branch supports
- Provides safe branching option for direct buried applications
- Stackable
- Marker peg options
- Maintains bend radius, avoids kinking through misuse



Branch supports TBS and LBS.

Marking Systems

Markerpeg

The Markerpeg is a passive, RF-detectable underground marker used to accurately locate buried fibre ducts, microducts, joints, breakouts, and other key network elements throughout the lifetime of a fibre network.

The Markerpeg can be placed along the track or at a breakout that needs to be found. It should be put vertically in the ground and mounted securely to the duct or microduct with the included holder.

Key Features

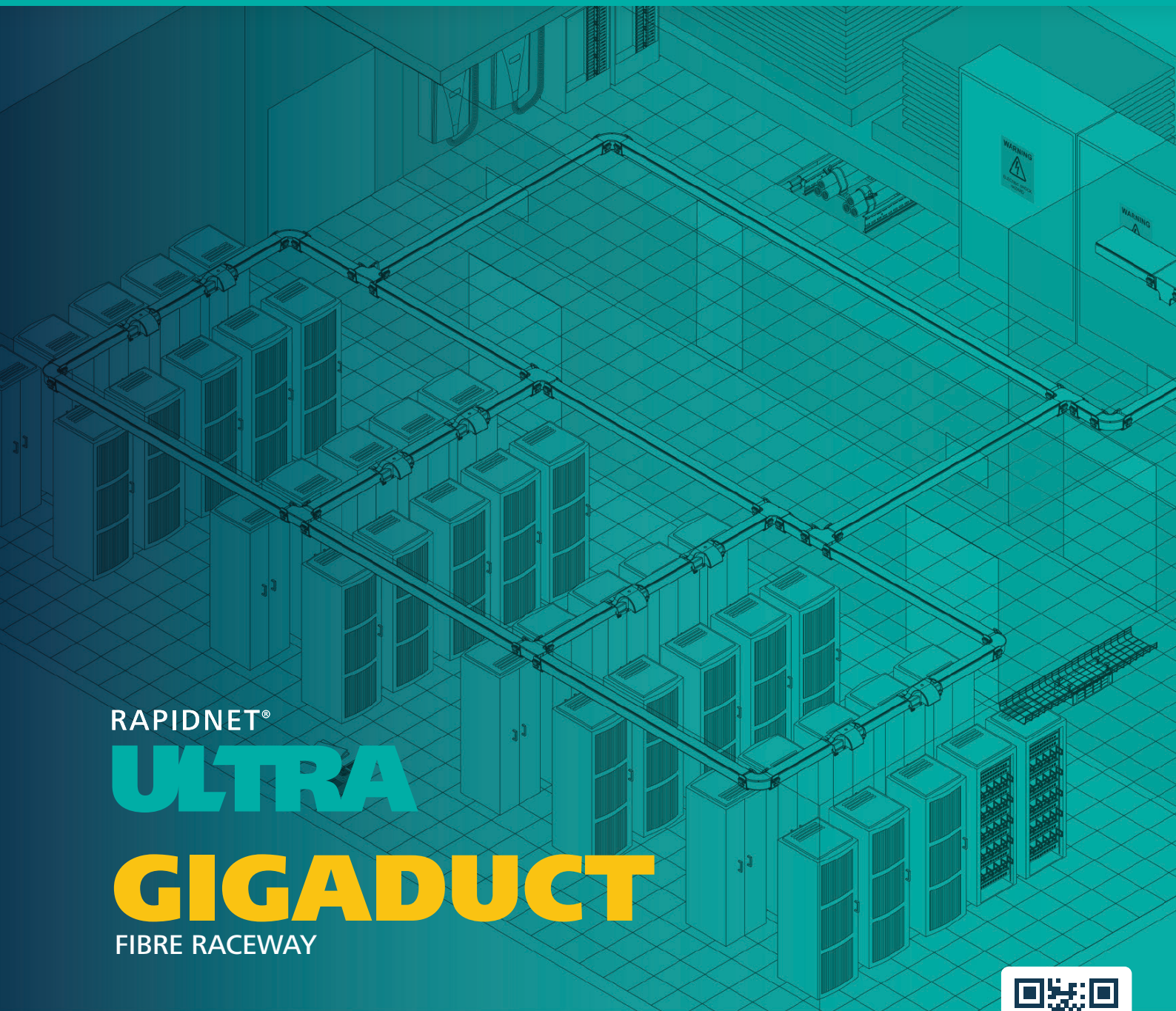
- Non-intrusive location tracking
- Reduces excavation time and cost during maintenance or future expansion
- Commonly installed at junctions, branch points, splices, and route changes
- Locatable distance: 1.5-2.0m vertically, 45° angled up to 1m
- Frequency: 101.4 kHz
- Temperature range from -10 to 25 °C

Markerpeg.

Next-gen Solutions for Fibre Connectivity

Integrating RapidNet ULTRA with GigaDuct unlocks a next-generation fibre management ecosystem: ultra-compact connectivity paired with a future-ready raceway system designed to protect, optimise and elevate data centre performance.

Scan the QR to find out more



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HellermannTyton.com/company/worldwide

HellermannTyton

HellermannTyton Data Ltd – UK
Waterside House,
Edgar Mobbs Way
Northampton NN5 5JE
Tel.: +44 1604 707 420
Email: sales@htdata.co.uk
www.htdata.co.uk

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