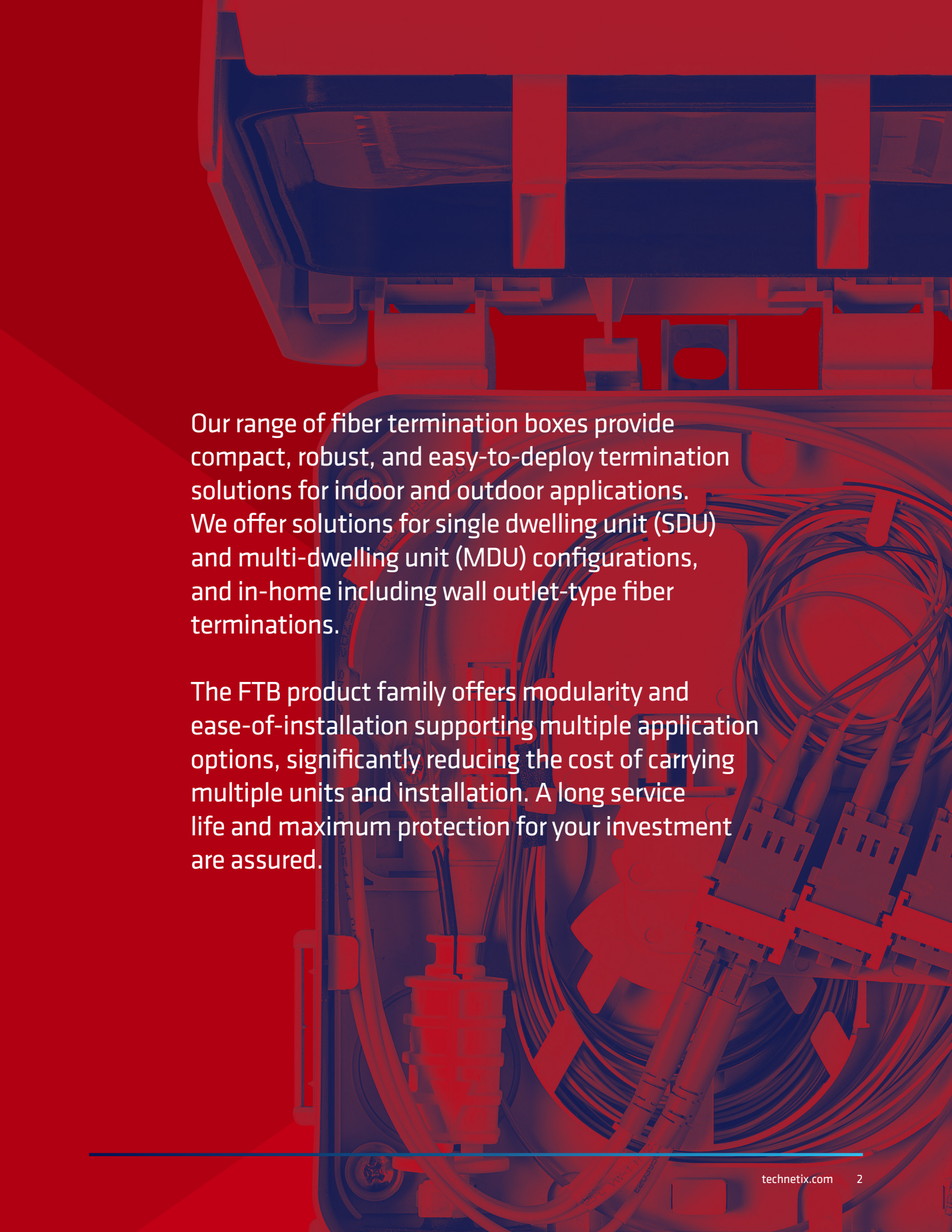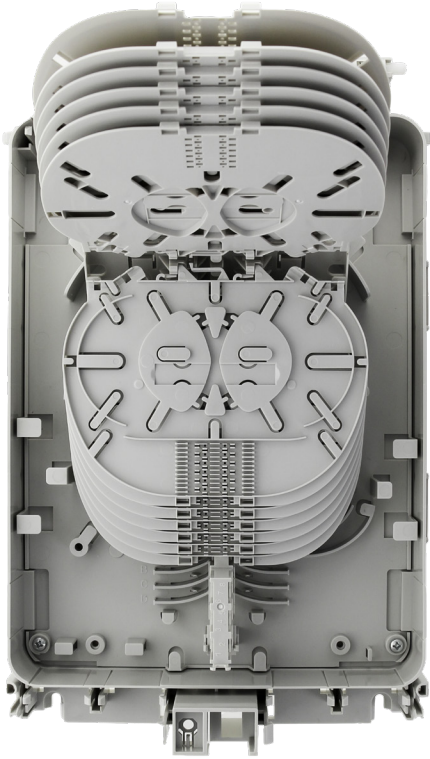# technetix

Subscriber termination solutions

Our range of fiber termination boxes provide compact, robust, and easy-to-deploy termination solutions for indoor and outdoor applications. We offer solutions for single dwelling unit (SDU) and multi-dwelling unit (MDU) configurations, and in-home including wall outlet-type fiber terminations.
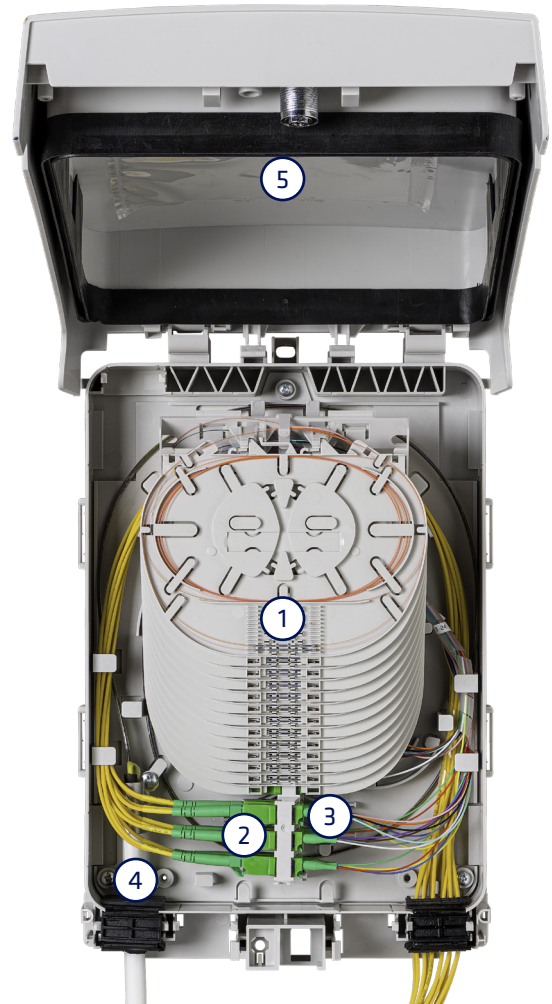
The FTB product family offers modularity and ease-of-installation supporting multiple application options, significantly reducing the cost of carrying multiple units and installation. A long service life and maximum protection for your investment are assured.

FTB Max

The fiber termination box Max (FTB Max) is designed for mass deployment projects in residential units. The installation effort has been significantly reduced with easy wall mounting and access protection as an essential part of the design.

1. x168 shrink or crimp splice holders

2. x4 holders for PLC splitters

3. x2 sets of 12 couplings in fold-out holders (x48 LC)

4. x4 flexible, divisible sealing sets for 0.08"-0.4" Ø (2–10 mm)
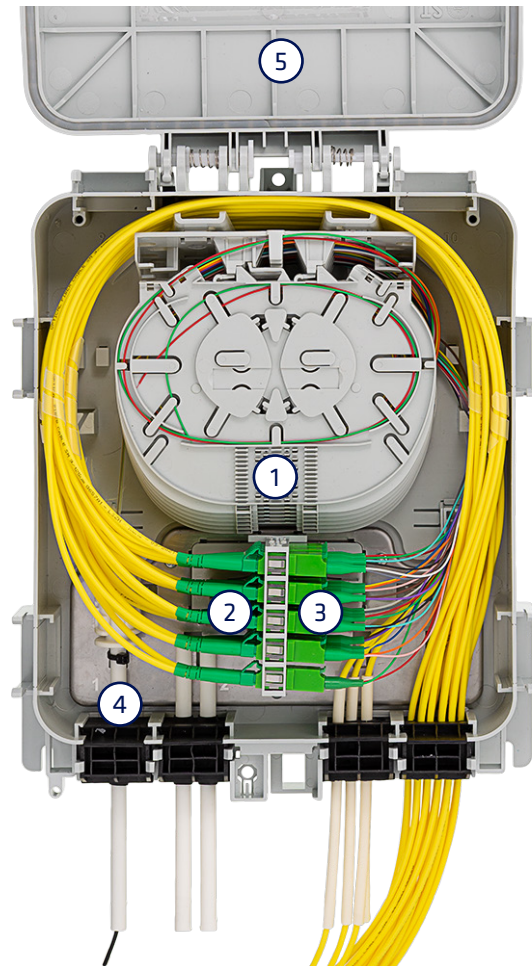
5. Easy access removable cover

FTB Connect

FTB Connect is an all-purpose termination box with expanded installation options, providing access from all four sides with 10 access ports available in total. With its innovative access protection, the FTB Connect can be shared by more than one operator, and can support multiple FTTH topologies with the flexibility to accommodate splitter, patch, and splice options. Alternatively, it can be used as a pure splice distribution box.

1. x72 shrink or crimp splice holders

2. Multiple holders for PLC splitter

3. x13 adapters in fold-out holder (x26 LC)

4. Divisible sealing sets for 0.08"–0.4" Ø (2–10 mm)
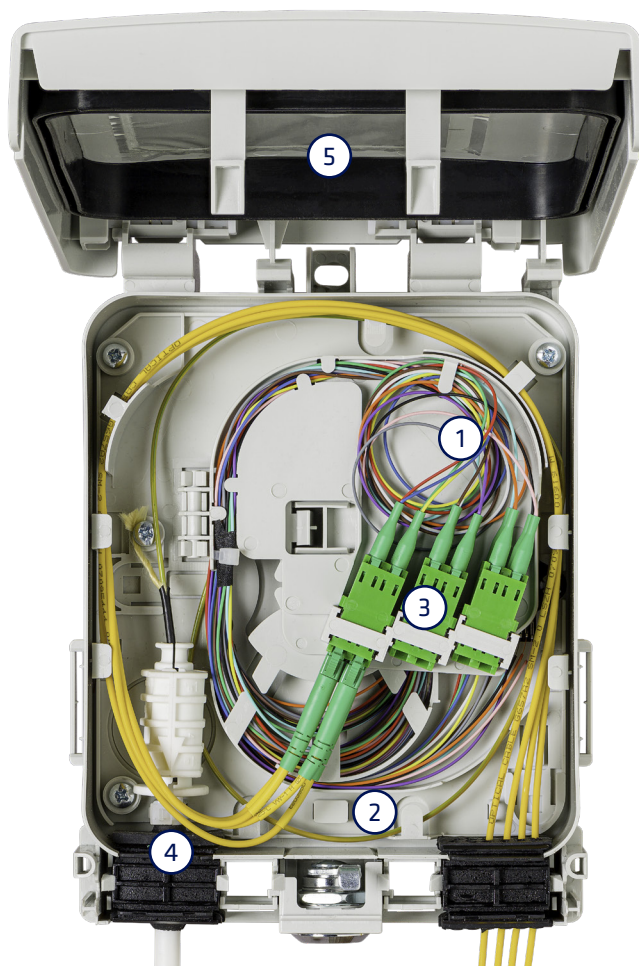
5. Easy access removable cover

FTB Speed

With its innovative fiber management and sealing design, the FTB Speed offers the greatest number of application options. It is quick to install, and provides a long service life and maximum investment protection. The FTB Speed can support multiple FTTH topologies with the flexibility to accommodate splitter, patch and splice options.
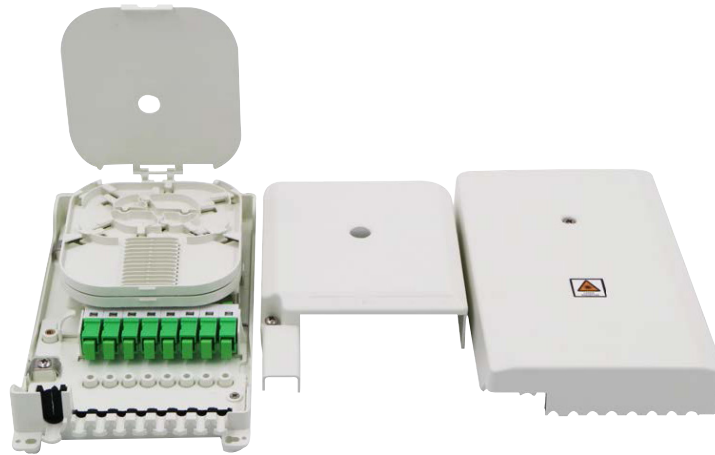
1. x12 splices
2. x1 holder PLC splitter
3. x6 couplings in fold-out tray (x12 LC)
4. Divisible sealing sets for 0.08"-0.4" Ø (2–10 mm)
5. Easy access removable cover

LB-TB-MDU

Ideal for MDU FTTH applications, the LB-TB-MDU termination enclosure enables transition of incoming fiber-to-fiber drops. Available with 8 SC or 16 SC connectors, the series is best used with pre-connectorized drop cables and has options for a 1x8 or 1x16 PLC splitter.
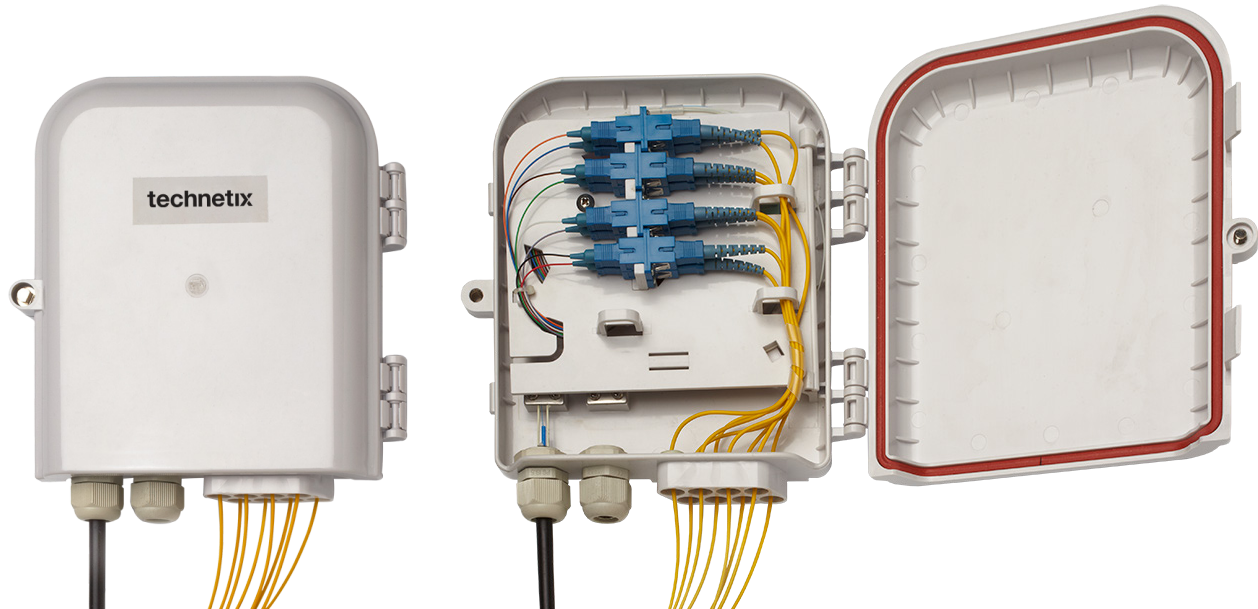

LB-TB-MDU-8

LB-TB-MDU-16

Benefits of LB-TB-MDU termination enclosures:
- x2 input ports and x8 or x16 output ports
- Available with 1x8 or 1x16 PLC splitter
- Clamping for feeder and drop cable
- Room for splicing, fiber management and storage
- Fiber bend radius control >1.6" (40 mm)

LB-TBA & LB-TBB

LB-TBA & TBB are IP66-rated termination enclosures that enable transition of incoming fiber-to-fiber drops. Equipped with ample room for splicing, fiber management and storage, the LB-TBA & TBB series are deal for MDU FTTH applications. The product is also available with a 1x8 or 1x16 PLC splitter.

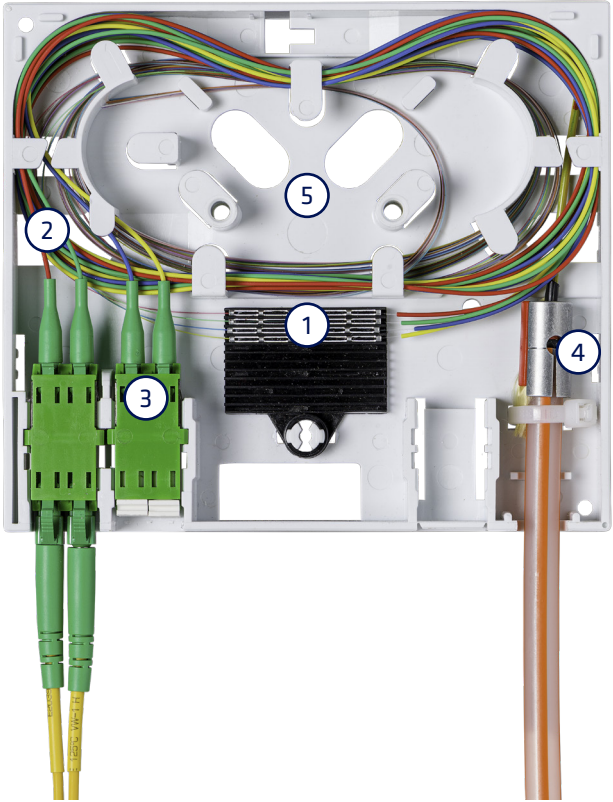**Benefits of the LB-TBA & TBB termination enclosures:**

- x2 input ports and x8 or x16 output ports
- IP66-rated for ingress protection
- UV resistant
- Room for splicing, fiber management and storage
- Wall mount and pole mount applications

FTTH box APL

A modern fiber optic network requires flexible termination boxes. Our FTTH box APL offers an appealing design, extreme robustness and ease-of-access. The box is designed for holding pre-assembled fibers or splices spooled in the management tray.
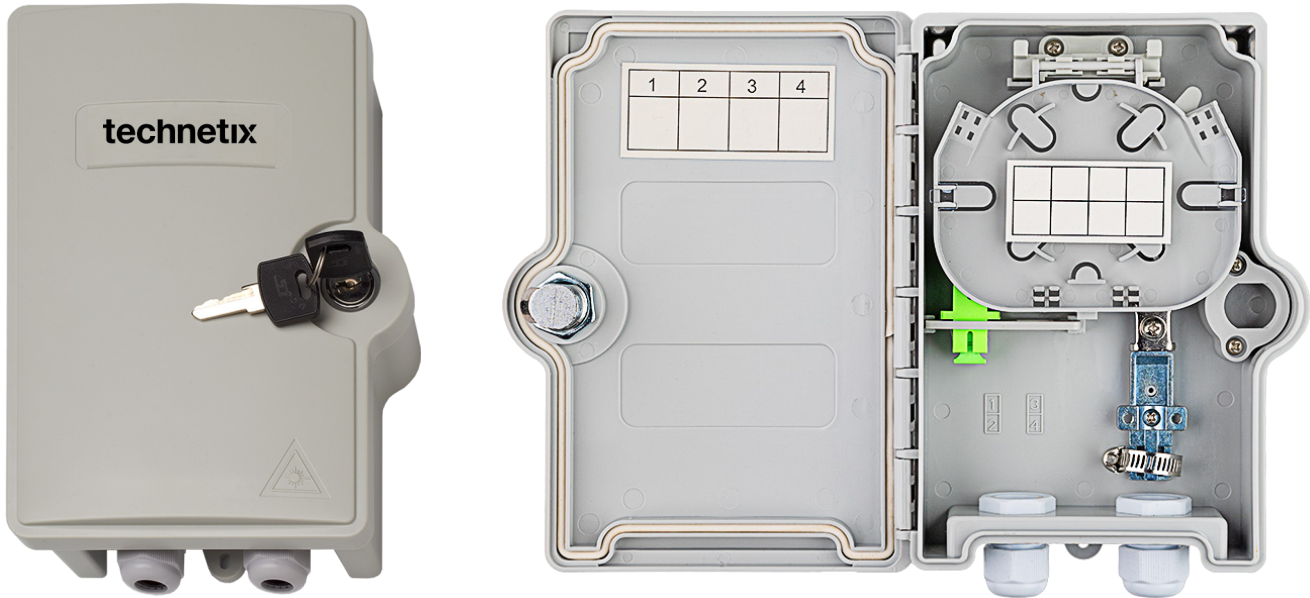
1. x12 splice tray
2. Optimized for pre-assembled fibers
3. x3 couplings, plan and set back position (x6 LC)
4. Space for micro-gas-stop on pipe
5. Metal installation plate on wall or outlet

LB-TB2

A 4-fiber terminal, LB-TB2 accepts 4 SC or 8 LC connectors. With protection class IP65, the box is designed for wall mounting indoors and outdoors, and is distinguished by its low weight, narrow design and easy installation. The LB-TB2 is secured with a lock to prevent unauthorized access.

Benefits of the LB-TB2 termination enclosure:

■ Compact size 8.2" x 6.0" x 2.0" (208 mm x 153 mm x 52 mm)
■ IP65-rated for ingress protection
■ Clamping for feeder and drop cable
■ Room for splicing, fiber management and storage
■ Fiber bend radius control >1.2" (30 mm)

LB-FTE

LB-FTE series fiber termination enclosure is a compact indoor/outdoor wall-mount subscriber termination enclosure, designed to transition outdoor incoming fiber to indoor fiber drop for FTTH networks. LB-FTE is made with ABS material and is UV protected with a rubber gasket to provide weather proofing. It can accommodate 2 fibers and 2 SC adapters.
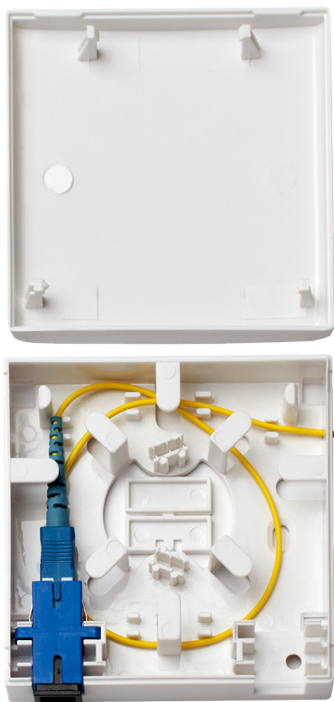

Benefits of the LB-FTE termination enclosures:

- Compact size 6.0" x 5.0" x 1.4" (150 mm x 126.6 mm x 35.5 mm)
- IP66-rated for ingress protection
- Optional lock available
- x2 SC adapters, splice storage and management
- Fiber bend radius control >1.2" (30 mm)

LB-FTIB

LB-FTIB is a compact indoor wall mount-type junction box termination enclosure that supports 2 SC connectors.
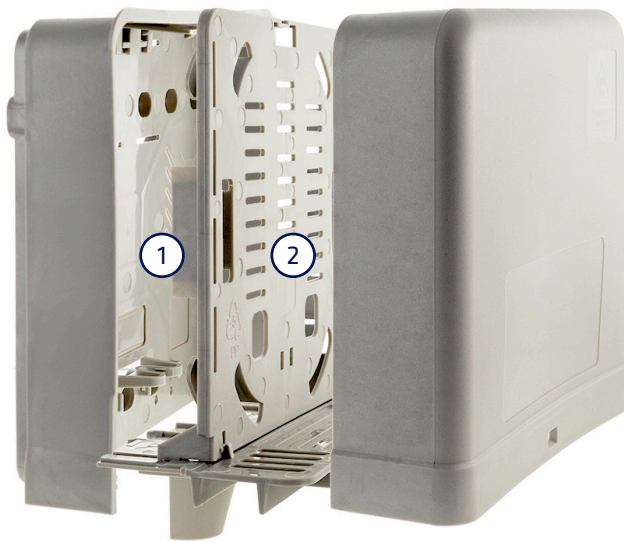
Benefits of the LB-FTIB termination enclosure:
- Up to x2 SC or x4 LC adapters
- Protective cover for dust protection
- Option 1: 3.4" x 3.4" x 0.9" (86 mm x 86 mm x 24 mm)
- Option 2: 3.4" x 4.5" x 0.9" (86 mm x 115 mm x 23 mm)

External and internal fiber termination boxes

With ever-expanding networks and increasing data usage, the fiber external termination box (F-ETB) and fiber internal termination box (F-ITB) are the perfect solutions for your FTTx network. Easy to install with a range of configurations for outdoor and indoor usage, each box provides a secure platform for HFC equipment.

The F-ETB and F-ITB are designed to meet the needs of developing network architectures by providing functionality for electrical, hybrid and full FTTH networks. The F-ETB grows with the network, reducing installer time and material costs by incorporating modular components. The ETB and ITB bases have multiple wall fixing points with rear knockouts for cable entry and exit. Once the box is installed, the process is fully toolless, allowing quick and easy installation and network maintenance.

1 Multi-layer panel setup allows for safe fiber storage

2 Flexible connector and splice storage

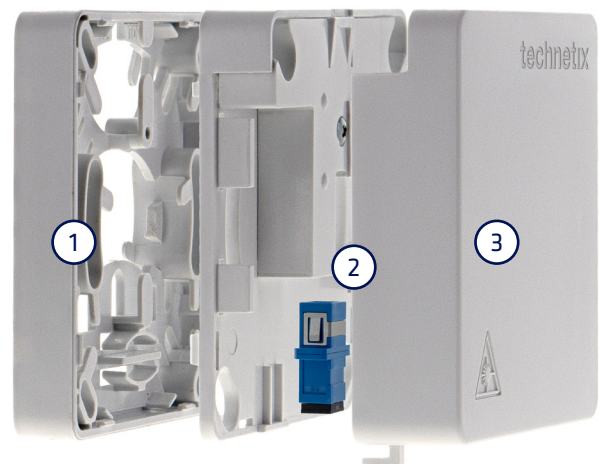*F-ITB (Top view)*

F-ETB (Front view)

OAP fiber line connection box

The Open Access Point (OAP) is one of the smallest fiber optic network termination systems available and can be integrated into every FTTH network, irrespective of whether it is active Ethernet or PON. As a neutral network termination, the OAP is flexible for connecting fiber optic CPE and helps with accessing each house and apartment at a low unit cost.

The OAP's modular design provides the opportunity to incorporate within the planning phase of FTTH projects, or can be used at any stage as a CATV receiver for television with a plug-in module without reconstruction. End users do not require specialist knowledge to install the plug-in module, eliminating high set-up costs and long ROI times. The Technetix OAP is the perfect FTU for self-install CPE such as PON ONUs.

1. Fiber management and mounting plate

2. Universal connectivity module

3. Range of faceplate options including blanking and CATV receiver plates

Benefits of the fiber line OAP connection box:

- 3.149'' x 3.149'' x 1.771'' (80 mm x 80 mm x 45 mm) – suitable for common under-plaster systems
- Universal fiber termination - whether active Ethernet or GPON
- One of the smallest fiber boxes worldwide – optional CATV module
- Ideal for FTTP deployments and open to third party CPE

Model choices available for supporting faceplates with or without RF connectivity for CATV distribution.
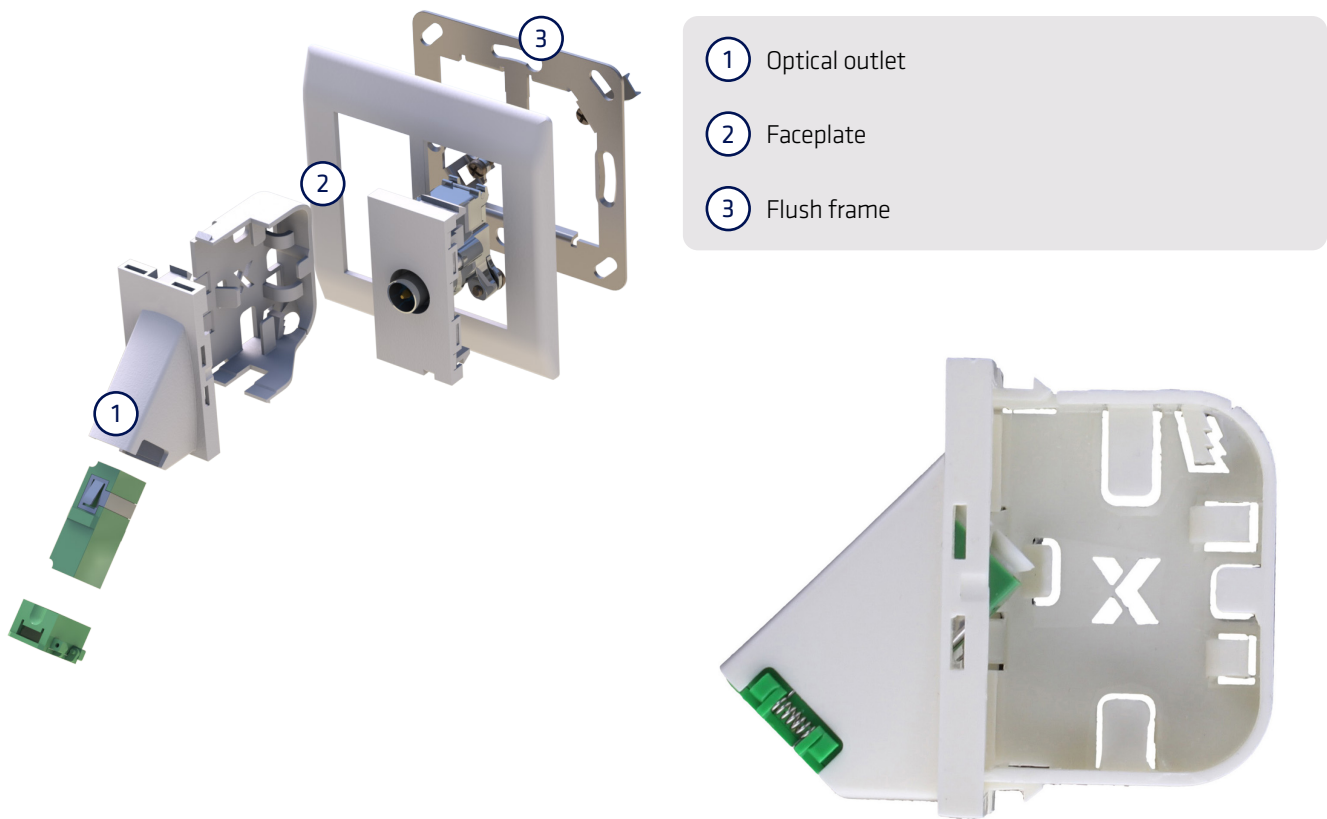
Item code	Description
PRO161010-01	OAP equipped with SC/P
PRO161010-02	OAP equipped with RF+ SC/PC

Click50 modular wall outlet suitable for cable TV and FTTx deployments

A premises outlet solution designed with network migration in mind, our Click50 for DOCSIS 3.1 (2 GHz) installations reduce installation time and truck rolls.

Compatible with third party 1.968" x 1.772" (50 mm x 45 mm) modules to support the addition of AV, network and other telecoms ports for both home and business, Click50 simplifies premises upgrades to FTTH.

Click50 is modular and can be configured with upgradable components to support migrating networks from HFC to PON. Future-proof, easy to install and upgrade, and able to operate in RF and optical networks simultaneously.

1. Optical outlet
2. Faceplate
3. Flush frame

Benefits of the Click 50:
- Allows easy migration from coax to full fiber networks
- Available with a wide range of accessories
- Reduces truck rolls

Up-Gf-ADo

The Up-Gf-ADo is a flush-mounted wall plate-type in-home termination for integration of optical termination into wall outlets in German regions. Up-Gf-ADo accommodates four crimp splices, has four LC dustproof adapters and is available with pre-terminated fiber as an installation kit. The surface mount frame in combination with these accessories facilitates flush mounting and positional protection.

Measuring 3.15" x 3.15" (80 mm x 80 mm), Gf-ADo fits 1.85" (47 mm) deep flush boxes and provides a minimum bending radius of 0.30" (7.5 mm).

Benefits of the Up-Gf-ADo termination wall plate:
- Optical outlet
- Faceplate
- Flush frame

For more information about the contents of this brochure, please visit:

technetix.com