



FTTH ETB/ITB

Product guide



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Applications

The F-ETB is designed to meet the needs of evolving 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 that enables the box to grow with the network.

The ETB base has multiple fixing wall points with rear knockouts for cable entry/exit. Once fixed, the process is fully tool-less, allowing quick and easy installation and network maintenance.

Configuration 1 - HFC

Technetix example applications

- HDU400 In-home amplifier
- FTL 'Fusion' splitter
- Coax connectivity
- CL50 RF wall outlet

Small cable entry panel to facilitate low profile configuration

- Stand-offs to rear
- Flexible internal mounting positions
- Polypropylene UV treated
- Completely tool-less
- Cable-tie fixing points
- Push-out rear panels

Configuration 2 - RFoG

Technetix example applications

- RFoG mini node
- FTZ Fusion splitter
- Coax jumper
- Fibre connectivity
- CL50 RF wall outlet

Replaceable 'large' cable entry Panel to double internal area

- Fibre tray and large panel as field installable upgrades
- Easy 'push-on' tray
- Re-use lid in new position
- No need to replace box base
- Two available tray positions

Configuration 3 - Single FTTH

Technetix example applications

- PLC splitter
- Fibre connectivity
- CL50 optical outlet

Addition of fibre tray to low profile configuration for fibre only installs

- 30 metres 1.1 mm cable storage capacity per tray
- Dual sided component fixing
- Accepts SC simplex or LC duplex adaptors
- Accepts heatshrink and crimp splice protectors
- 30 mm bend radius
- Slotted base for easy component fixing by cable-tie or self-tapping screws
- Easy fix and remove tray
- Flexible and versatile

Configuration 4 - Double FTTH

Technetix example applications

- Optical receiver
- PLC splitter
- Fibre connectivity
- CL50 RF wall outlet
- CL50 optical outlet

Add additional fibre tray to accommodate more fibre for FTTH in-home applications

- 30 metres 1.1 mm cable storage capacity per tray
- Dual sided component fixing
- Accepts SC simplex or LC duplex adaptors
- Accepts heatshrink and crimp splice protectors
- 30 mm bend radius
- Slotted base for easy component fixing by cable-tie or self-tapping screws
- Easy fix and remove tray
- Flexible and versatile

The anatomy of the FTTH ETB

The F-ETB is designed for external mounting, and available in three colours to match the background material. The design allows for a smooth upgrade path from electrical, hybrid and fibre networks. It is a flexible and versatile system providing an ideal point-of-entry solution for all modern access networks.

Back

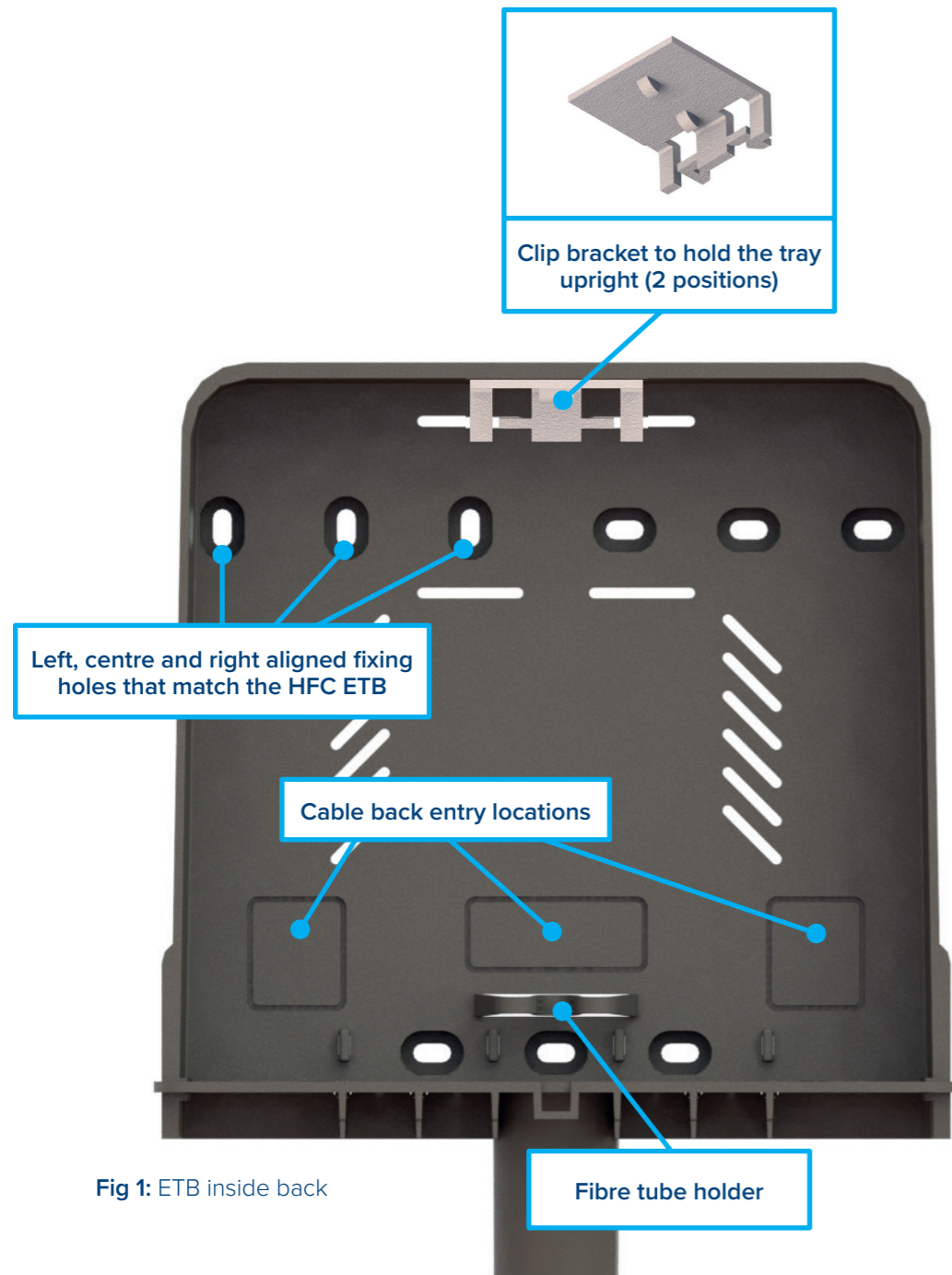


Fig 1: ETB inside back

Base

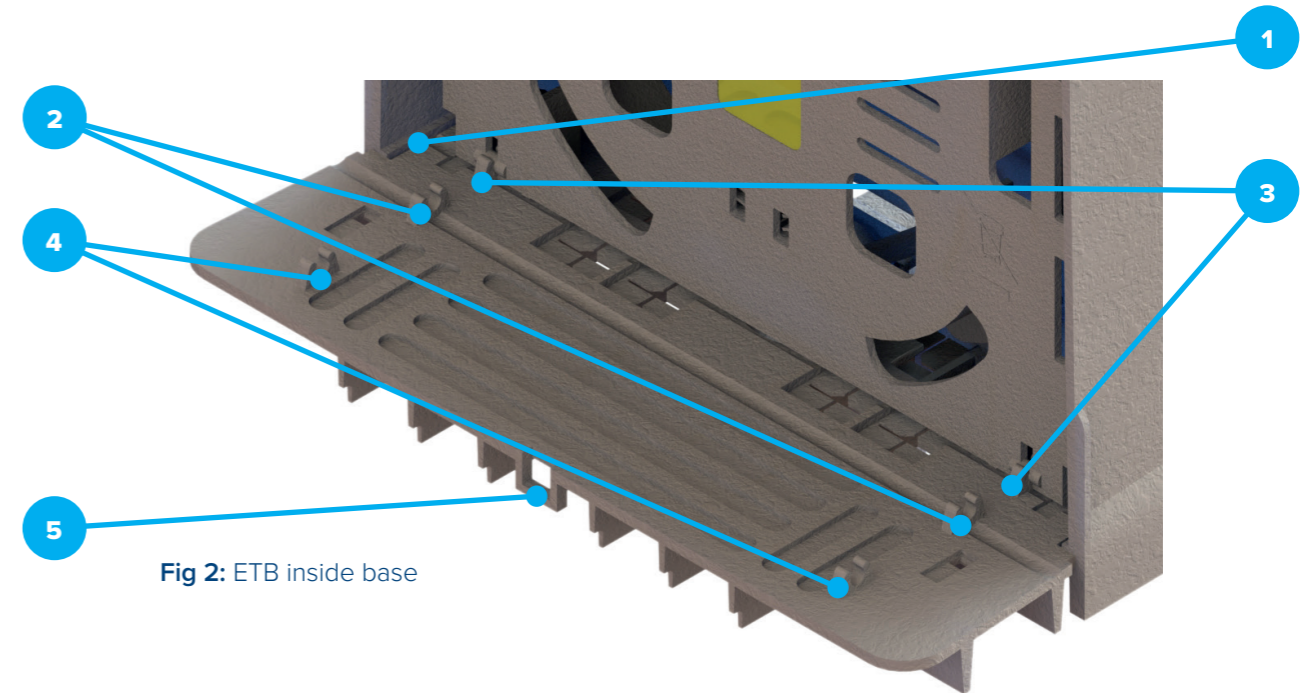


Fig 2: ETB inside base

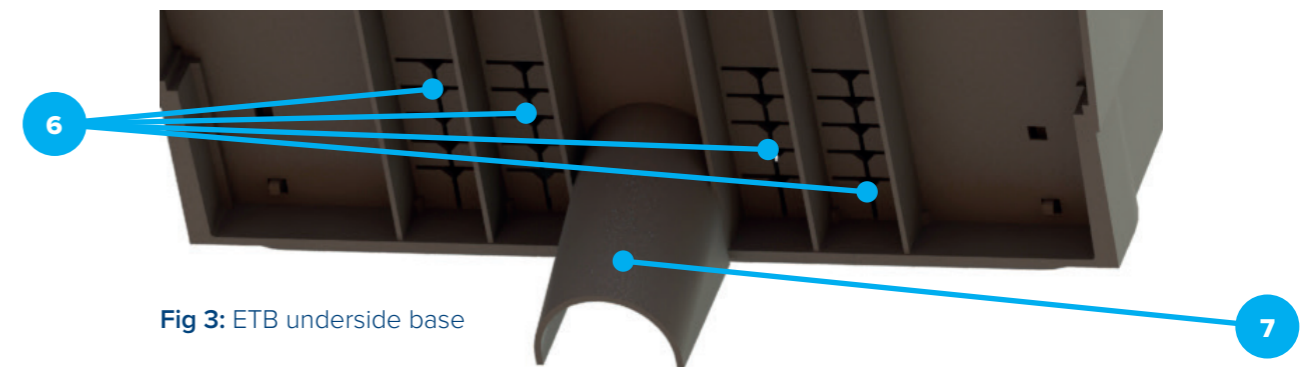


Fig 3: ETB underside base

1	Base mounting slots	5	Lid closure loop
2	Tray mounting hinges (mid)	6	Cabling exit locations
3	Tray mounting hinges (rear)	7	Riser guard sleeve
4	Tray mounting hinges (front)		

Fibre tray

Rear-facing side

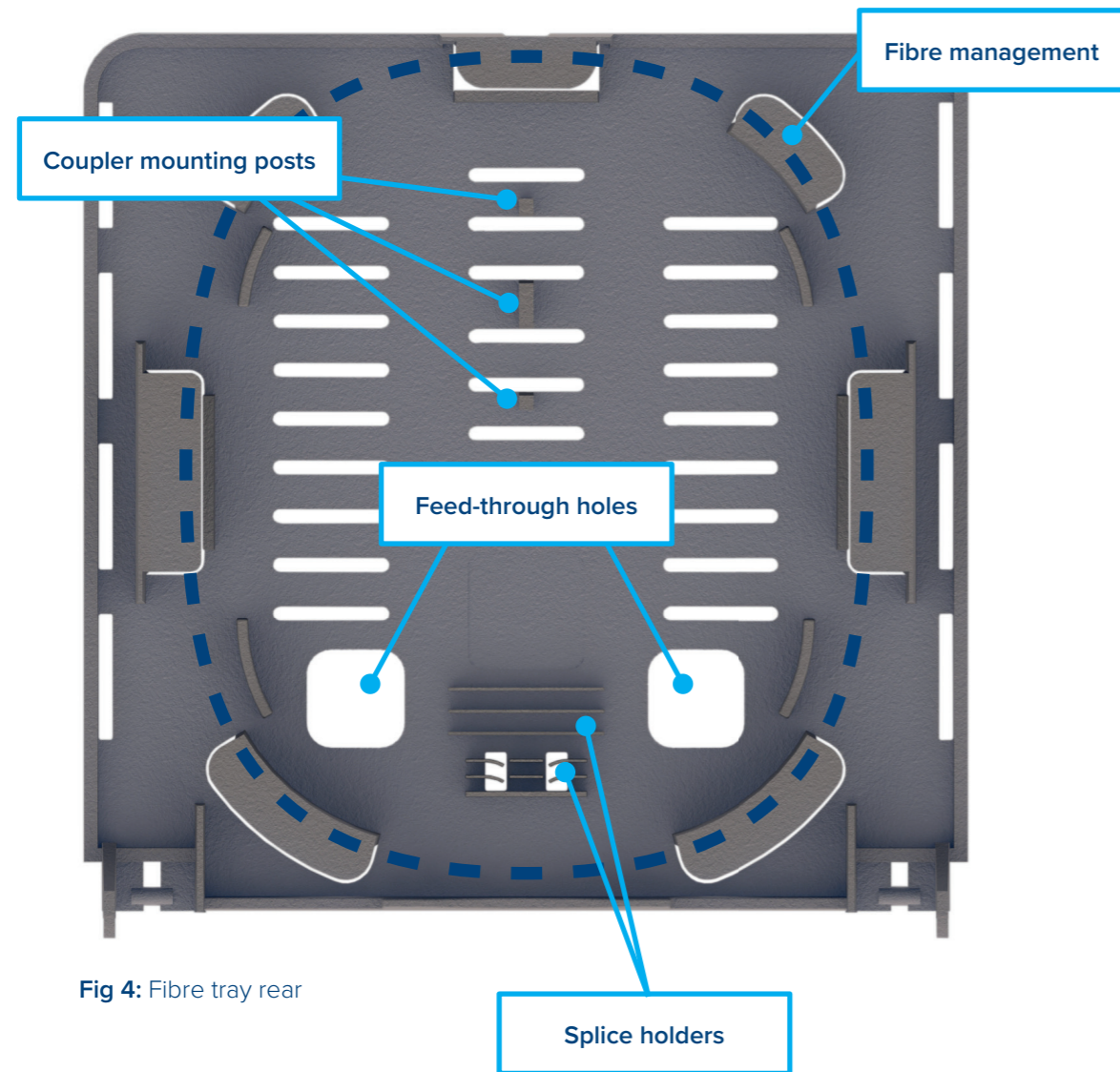


Fig 4: Fibre tray rear

Forward-facing side

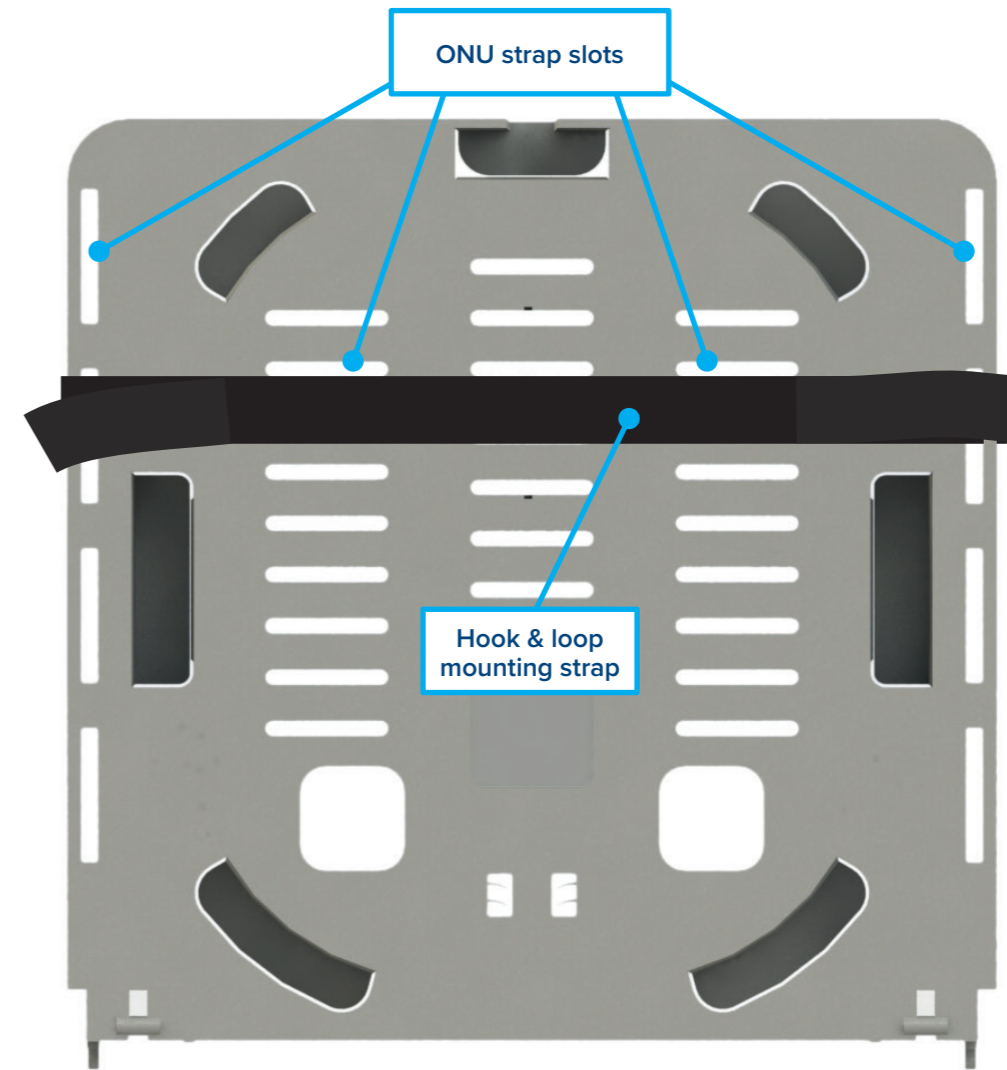


Fig 5: Fibre tray forward facing side

Tray fitted to base

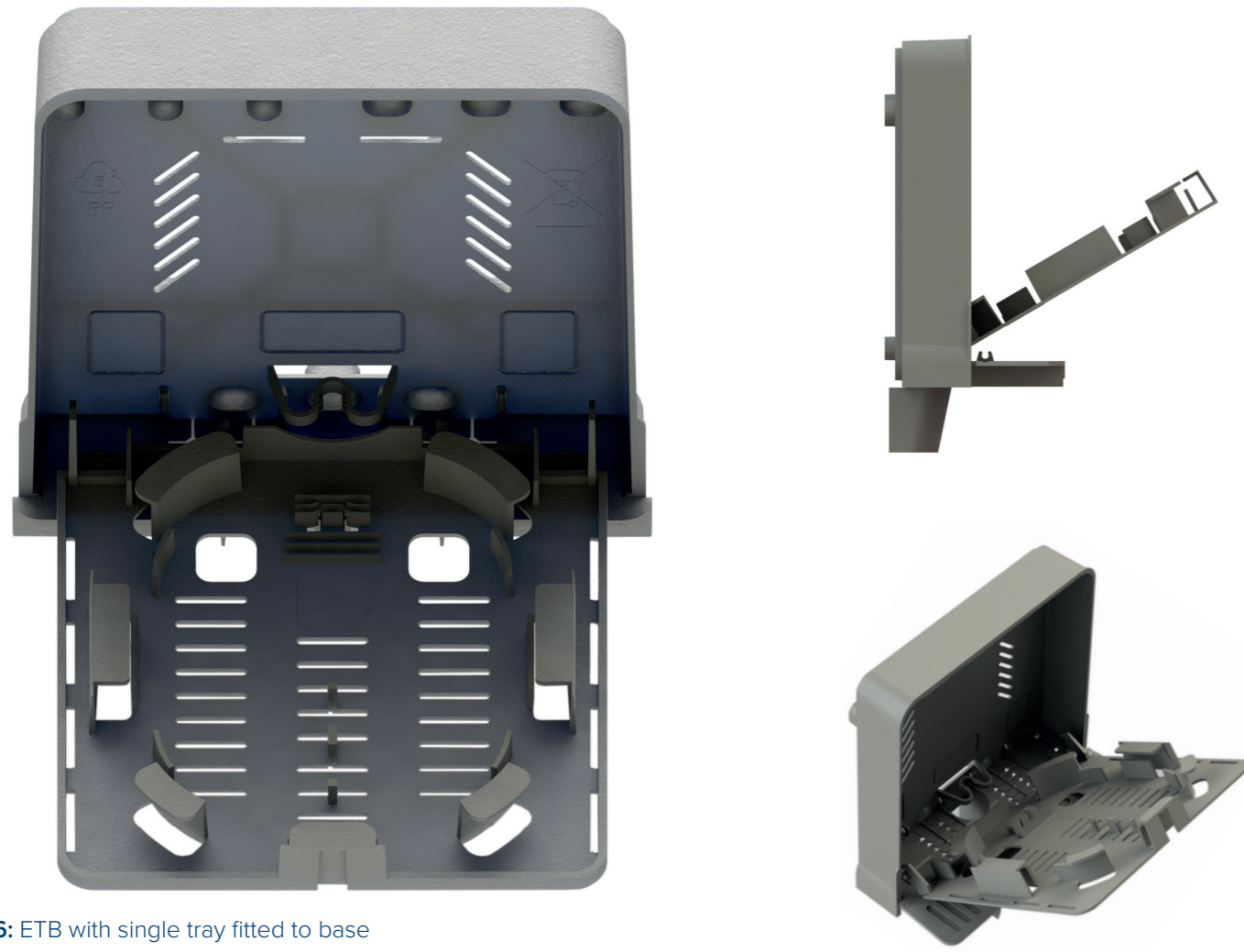


Fig 6: ETB with single tray fitted to base

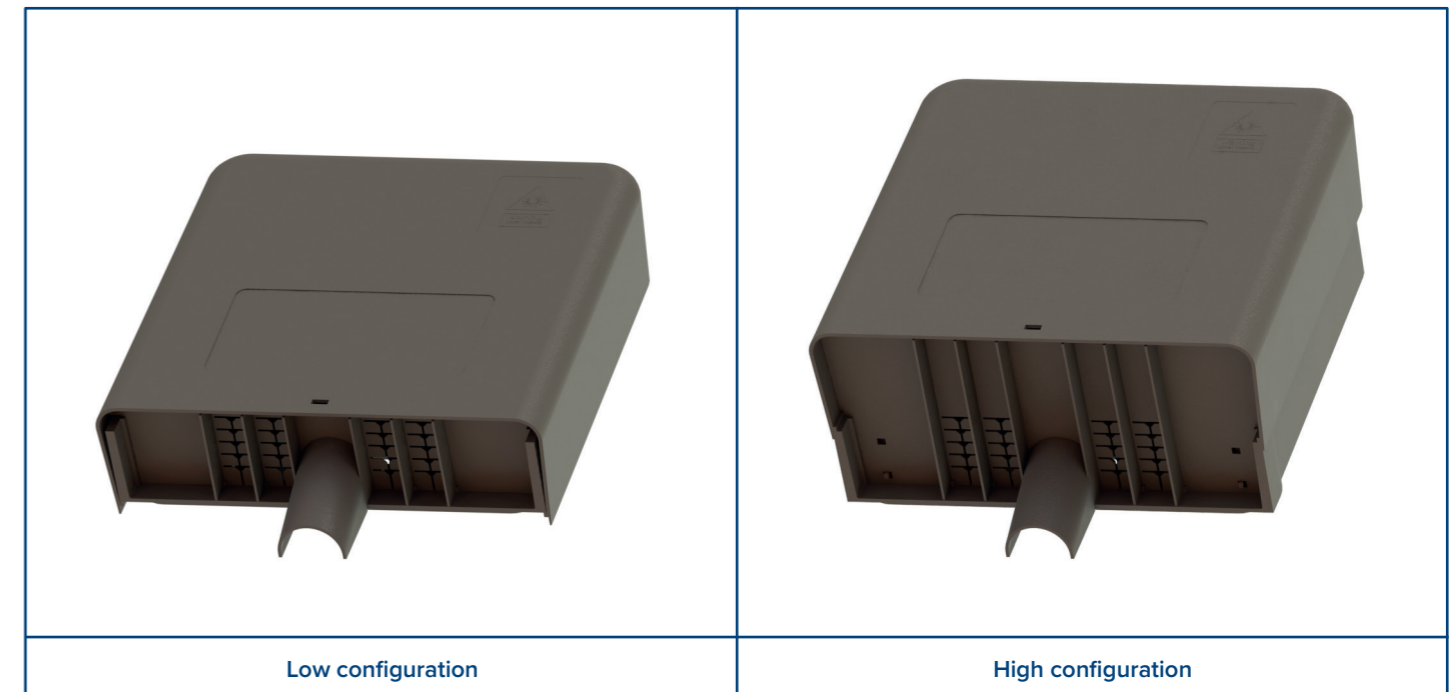


Fig 6: ETB with dual trays fitted to base

Fig 7: Dual trays folded up



Lid



The anatomy of the FTTH ITB

The F-ITB is designed with the same internal functionality as the RFoG F-ETB configuration. A single tray that can be positioned left or right, with fixing space for additional electrical or optical components. The ABS signal white lid is designed with a smooth gloss finish and modern angles for in-home installations.

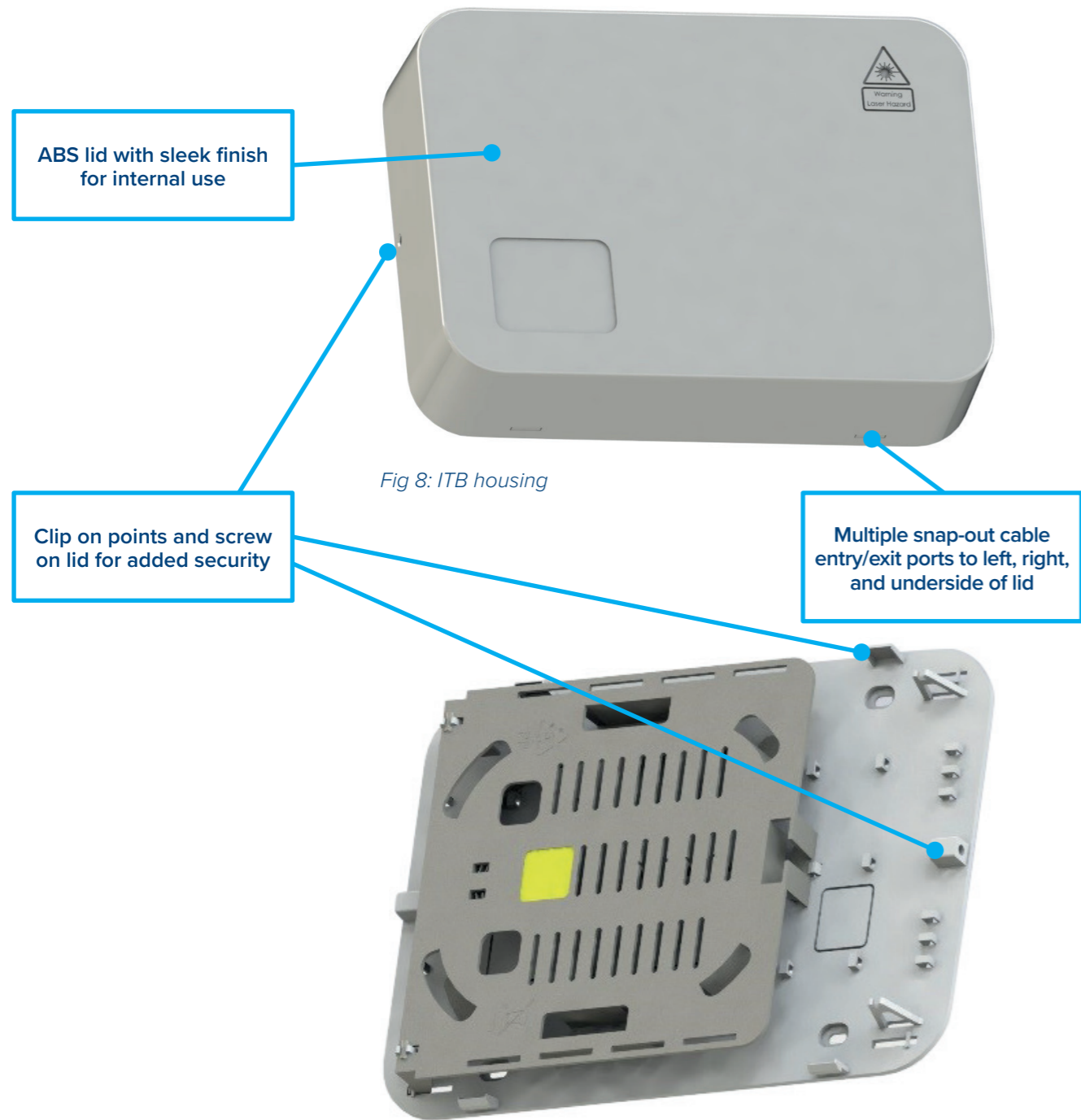


Fig 8: ITB housing

Fig 9: ITB inner with fibre tray

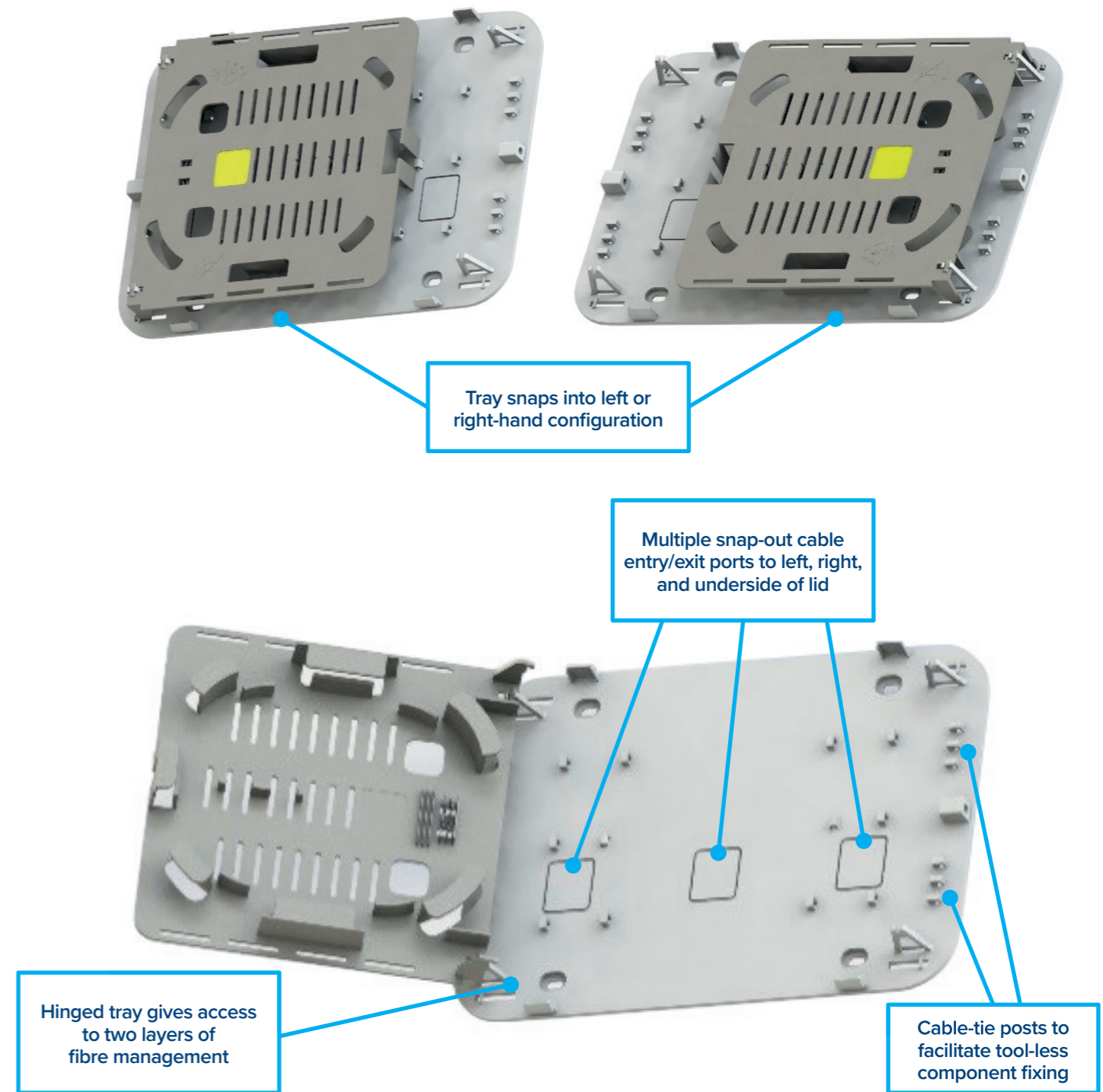


Fig 10: ITB inner with fibre tray folded out

Ordering information

FTTH ETB

Configuration 1 - HFC

Type	Description	Colour	Item code	Legacy code
F-ETB	F-ETB config 1 white base + lid + small end panel	Signal white (RAL 9003)	19011967	F-ETB-HFC1SW
F-ETB	F-ETB config 1 brown base + lid + small end panel	Terra brown (RAL 8028)	19011968	F-ETB-HFC1BR
F-ETB	F-ETB config 1 grey base + lid + small end panel	Pearl light grey (RAL 9022)	19011969	F-ETB-HFC1GR

Configuration 2 - RFoG

Type	Description	Colour	Item code	Legacy code
F-ETB	F-ETB config 2 white base + lid + large end panel + tray	Signal white (RAL 9003)	19011970	F-ETB-FTTP2SW
F-ETB	F-ETB config 2 brown base + lid + large end panel + tray	Terra brown (RAL 8028)	19011971	F-ETB-FTTP2BR
F-ETB	F-ETB config 2 grey base + lid + large end panel + tray	Pearl light grey (RAL 9022)	19011972	F-ETB-FTTP2GR

Configuration 3 - Single FTTH

Type	Description	Colour	Item code	Legacy Code
F-ETB	F-ETB config 3 white base + lid + small end panel + tray	Signal white (RAL 9003)	19011973	F-ETB-FTTH3SW
F-ETB	F-ETB config 3 brown base + lid + small end panel + tray	Terra brown (RAL 8028)	19011974	F-ETB-FTTH3BR
F-ETB	F-ETB config 3 grey base + lid + small end panel + tray	Pearl light grey (RAL 9022)	19011975	F-ETB-FTTH3GR

Configuration 4 - Double FTTH

Type	Description	Colour	Item code	Legacy code
F-ETB	Config 4 white base + lid + large end panel + 2 x tray	Signal white (RAL 9003)	19011976	F-ETB-FTTH4SW
F-ETB	Config 4 brown base + lid + large end panel + 2 x tray	Terra brown (RAL 8028)	19011977	F-ETB-FTTH4BR
F-ETB	Config 4 grey base + lid + large end panel + 2 x tray	Pearl light grey (RAL 9022)	19011978	F-ETB-FTTH4GR

FTTH ITB

Type	Description	Colour	Item code	Legacy code
F-ITB	FTTH Internal termination box without logo	Signal white (RAL 9003)	19011243	F-ITB WO LOGO

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