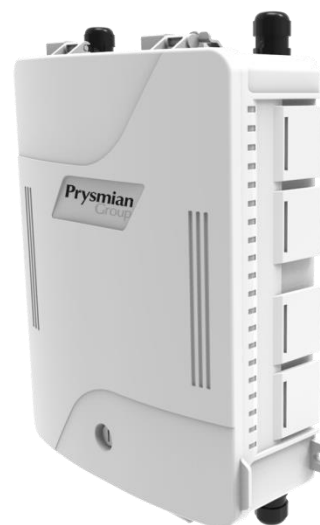# Internal Flexibox

Prysmian Part Numbers: *See Below*

The Internal Flexibox is a wall box designed for internal use with 8 splice trays and up to 8 individual inputs for up to 24 cables. Each splice tray is able to accommodate 12 fibre splices and the box has a tube storage area. The Flexibox is available with a lock for security and also has a removable cover for extra access whilst splicing and routing fibres. The box has been designed to stack multiple Flexiboxes side-by-side, without compromising space.

Features and Benefits

- Capacity for up to 96 fusion splices

- Suitable for up to 24 input cables, enterable from the top and bottom of the box

- The cable entries are suitable for

    - 1 x cable from 5 to 12 mm in diameter

    - 2 x cables from 5 to 6.5mm in diameter

    - 3 x cables from 2.5 to 4.5mm in diameter

- Up to 12 fusion splices can be accommodated into each of the splice trays.

- Can accommodate optical splitters. Contact Prysmian for further details.

- Easily installed and fitted to the wall or inside a riser.

- Suitable for internal use only and manufactured from UL94-V0 rated material.

- Input and output cables are retained using CSM/Aramid

Kit Contents

- The Flexibox is supplied with a base, cover, 8 splice trays, 1 manifold & cover, 2 x strength member retention posts, 4 x wall fixing kits and 3 cable entries.

- **Note** Splice protectors are not supplied and must be ordered separately. Extra cable entry kits must also be ordered separately.

Additional Items

- Cable entry kits (See below)
- Splice Protectors

Part Numbers

- **XCPSC03687** – 8 trays, 3 cable entry glands (1 6-12mm, 2 x 4-6mm), security lock

Technical Data

- No of Splice Trays: 8
- Max capacity (fibres)   96
- Max diameter of input cable: 12mm
- Max no. of inputs: 24
- Required space envelope (mm):   (h) 345 x (w) 272 x (d) 105
- Operating temperature: -20°C to + 60°C (5 to 95% RH)*
- Material: FR ABS
- Colour: White RAL 9016
- Flammability rating: UL94-V0

* To be confirmed

Logistics

- Packing Dimensions (mm):   (h) 420
                               (w) 315
                               (d) 135
- Packed Weight (kg):   TBC
- Net weight (kg):   TBC

Additional Items

Cable Entries

Cable entries are used for bringing cables in to the box. The cable entries come in multiple configurations as below:

Prysmian Part No. – XKTSC02471 (Single way 6-12mm)
- XKTSC02335 (Single way 5-9mm)
- XKTSC02542 (Dual way 4-6mm)
- XXXXXXXXX (3 way 2.5–4.5mm)

Heat Shrink Splice Protectors

Splice protectors are used to protect the fibre splice. They are 2.2mm in diameter and 40mm in length.

Prysmian Part No. – XKTSC00050 (pack of 12)
XPESC00053 (pack of 50)

Please contact your local sales office listed on **www.prysmiangroup.com**