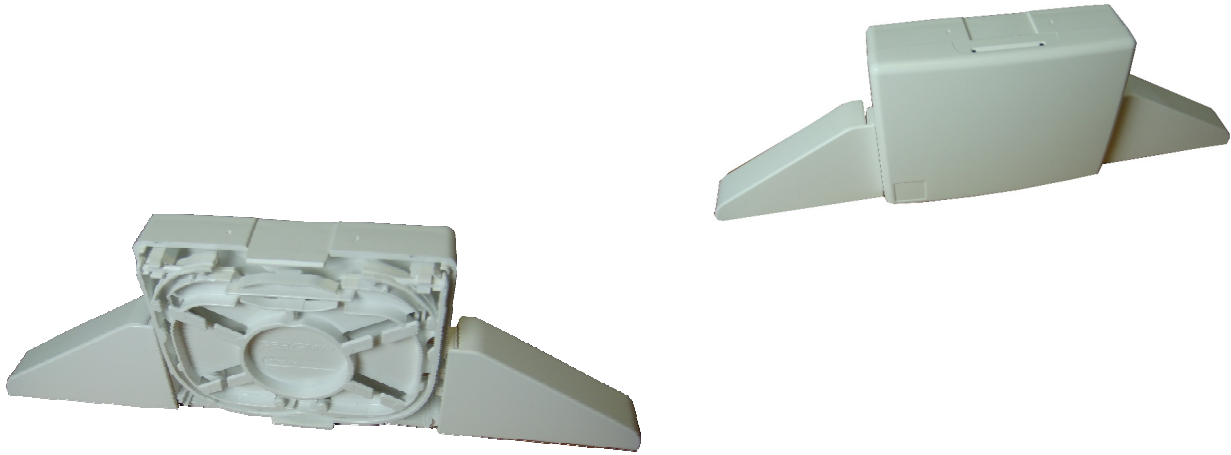


## Verticasa Internal Transition Box (ITB)

Prysmian Part Number: *XCPSC00523*



The Verticasa In-line Transition Box (ITB), is mainly used for Multi Dwelling Units (MDU's) or office fibre cabling system's. It is a compact splicing box enabling the splicing of up to 4 drop cables to a main in-line cable. The ITB houses a single splicing tray.

### Features and Benefits

- Allows splicing from cables to cables.
- Suitable for one inline cable of up to 15mm in diameter.
- Up to 4 drop cables can be spliced to the in-line cable.
- The compact dimensions 100 x 80 x 32mm allow the unit to be installed in the network where access is restricted: riser, duct, etc...
- The cable entries are suitable for 5mm OD blown fibre tubes or standard cables from 2.5 to 5 mm OD.
- Up to 4 fusion splices or two mechanical splices can be accommodated into the splice tray.
- Cable management within the unit ensures the minimum 20mm bend radius for optical fibre is not exceeded.
- Easily installed and fitted to the wall or inside a riser.
- Input/output cables are secured at the cables entry levels.
- Unit manufactured from fire resistant UL94-V0 rated material.
- The standard colour is White RAL 9016. Other colours are available on request.

### Kit Contents

- The Verticasa In Line Transition box is supplied with a splice tray, wall fixings and cable ties.

### Additional Items

- Splice Protectors

## Technical Data

- Maximum number of splices: 2 mechanical, 4 fusion
- Number of cable ports: 1 Input Cable - 4 Output Cables
- Maximum cable diameter (mm): 15 mm
- Required space envelope (mm): (L) 100 x (W) 80 x (D) 32
- Operating temperature: -20°C to + 50°C (5 to 95% RH)
- Material Internal Unit:-
  - Cover: FR ABS - White RAL 9016
  - Base: FR ABS – White RAL 9016

## Logistics

- Packing Dimensions (mm): (L) 120 x (W) 100 x (D) 45
- Packed Weight (kg): 0.100
- Net weight (kg): 0.080
- Installation Instructions included

## Additional Items

### Heat Shrink Splice Protectors

Splice protectors are used to protect the fibre splice. They are 2.4mm in diameter and 45mm in length.

**Prysmian Part No. – XKTSC00050 (pack of 12)**  
**XPESC00031 (pack of 50)**



### Mechanical Splices

Mechanical Splices are used to splice fibres together without the need of a fusion splicing machine. They are 4mm wide x 4mm tall and 40mm in length. An assembly tool and splice holder is required for installation. See Prysmian data sheet AC007 for further information on mechanical splices.

**Prysmian Part No. – XKTSC00121 (pack of 50)**



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