

## Hybrid Drop Box (HDB4)

**Prysmian Part Numbers: See below**



The Hybrid Drop Box (HDB4) is a wall mounted product used for the splicing of up to 4 fibres and up to four customer drop cables. The box also has the added feature of a copper storage area to accommodate a hybrid cable. The box is supplied with two cable entry seals for the two input cable ports and four drop ports. The HDB4 can accommodate cables from 3 to 7 mm. The box is supplied with an extra knock-out port on the back for through wall applications. The box can be mounted on a wall with the included fastening materials and fits directly onto standard "connector bend 4" to hide primary cable routings. The box can be supplied as splice only for up to four spliced drop cables, or it can be supplied with two duplex LC/APC adapters and four LC/APC pigtails for connectorised drops.

### Features and Benefits

- Each box comes with one splice tray pre-fitted.
- Capacity for up to 4 splices.
- The box is supplied with two single input cable entry seals 3-7 mm
- The box is also supplied with two double cable drop port kits.
- All fibres are positively managed to maintain a 30mm minimum bend radius within the wall box.
- The box is designed to fit standard "connector bend 4" (not provided with box).
- The box is sealed to IP55.
- The box has the provision for two SC simplex or LC Duplex adapters.
- Supplied with everything required to install one input cable and up to four drop cables (only splice protectors need to be ordered separately).
- Storage area inside the box to hold copper elements.
- The boxes are UV stable to prevent discolouration of the material.
- The boxes are manufactured from UL94-V0 rated materials.

### Kit Contents

- The HDB4 is supplied with: -
- 1 x Wall Box Base
  - 1 x Wall Box Cover
  - 1 x Splice tray for 4 splices
  - 1 x Cover Screw
  - 1 x Cover Screw Cap
  - 1 x Wall fixing Kit
  - 1 x Installation Guide
  - 2 x Double Drop Sealing Grommet.
  - 2 x Primary Cable Sealing Grommet
  - 8 x Cable Ties
  - N x Pigtail and Adapter (if required)

### Additional Items

- Splice protectors

### Part Numbers

- **XCPSC03029** – Splice Only
  - **XCPSC03043** – 2 x SC/APC P+A
  - **XCPSC03044** – 4 X LC/APC P+A
- (P+A = pigtails + adapters)

## Technical Data

- Number of cable ports: 2 input, 4 output (via 2 double grommets)
- Maximum cable diameter (mm): 3 mm – 7 mm
- Maximum number of splices: 4
- Required space envelope (mm): (w) 110 x (h) 190 x (d) 40.
- Operating temperature: -20°C to + 50°C (5 to 95% RH)
- Material:-
  - Box: FR ABS Dark Grey (RAL7030)
  - Splice trays: FR ABS White (RAL9016)
- Testing:-
  - Sealing: IP55
  - Optical: Tested 1310nm,1550nm and 1625nm
  - Dry heat: BS EN 60068-2-2 Test Bb
  - Damp heat: IEC 60068-2-3: 1969
  - Change of temperature: IEC 60068-2-14: 1984
  - Vibration: IEC 60068-2-6: 1995
  - Shock: IEC 60068-2-27: 1987

## Logistics

- Packing Dimensions (mm): (w) 120 x (h) 210 x (d) 50
- Packed Weight (Kg): 0.20
- Net Weight (Kg): 0.15
- Installation Instructions Included

## Additional Items

### Heat Shrink Splice Protectors

Splice protectors are used to protect the fibre splice. They are 2.2mm in diameter and 45mm in length.

**Prysmian Part No. - XPESC00053 (pack of 50)**



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