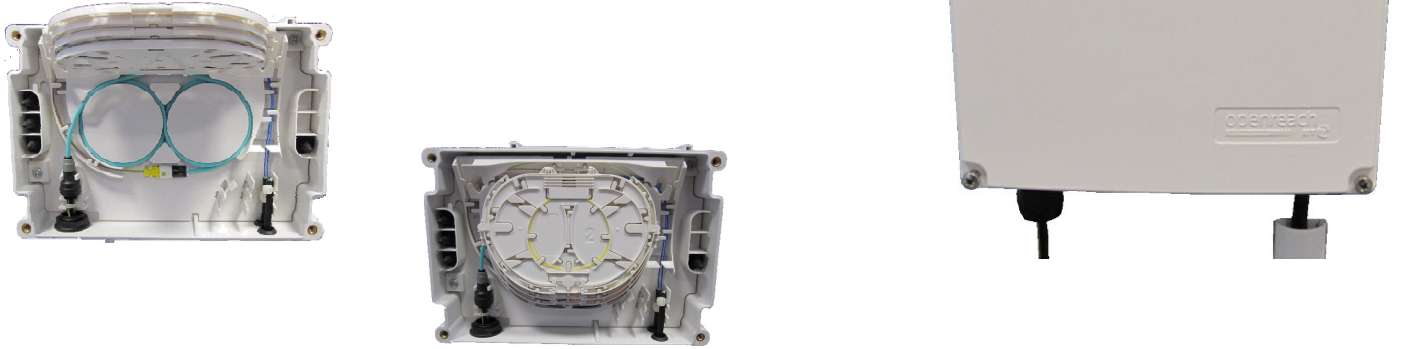# 6FDP Customer Distribution Wall Box

Prysmian Part Numbers: *See below*

The 6FDP Customer Distribution Wall box is a wall mounted product used for the distribution of fibres to up to six customer drop cables. Each customer has an individual splice tray that can house up to four splices. The box also has the added feature of a built in figure of eight routing system, that prevents fibre movement when aerial input cables are subjected to ice and wind loading. The unit is supplied with a gas/water block for the input cable. The box can be supplied as an internal product supplied in white or an external version supplied in dark grey with an IP55 rating. Customer drop cables of 3 to 6mm can be distributed from the box.

Features and Benefits

• Internal and external products available in the same size box.

• Each box comes with three double splice trays (6 customer trays) pre-fitted, and a single element splice tray for spare fibre storage.

• The box is supplied with a Gas/water block connector for use with blown fibre input cables and a 6-6mm reducer and 3mm transport tube.

• All fibres are positively managed to maintain a 30mm minimum bend radius within the wall box.

• A unique figure of eight locking system is integrated into the box. This prevents movement of fibres from aerial input cables when subjected to ice and wind loading.

• The external box is sealed to IP55

• Splice trays hinge upwards individually, allowing full access to spliced fibres without disturbance to live fibres in adjacent trays.

•The wall boxes come with everything required to install one input cable and up to six drop cables (only splice protectors to be ordered separate)

• Storage area inside the box to hold any unused output cable sealing grommets.

• The boxes are UV stable to prevent discolouration of the material. The boxes are manufactured from UL94-V0 rated materials.

Kit Contents

The 6FDP is supplied with splice trays and all accessories required for the complete installation of the input and output cables

Additional Items

• Splice protectors

Part Numbers

• **XCPSC01462** – Internal 6FDP
• **XCPSC01463** – External 6FDP

OASYS

Technical Data

- Number of cable ports: 1 input, 6 output
- Maximum cable diameter (mm):   18 Input, 3-6 Output
- Maximum number of splice trays: 6 Customer Trays (24 fibre)

                                                                    1 Single Element Tray (for storage)

- Required space envelope (mm):   (w) 220 x (h) 150 x (d) 50.
- Operating temperature: -20ºC to + 50ºC (5 to 95% RH)
- Material:-
    - External: FR ABS Dark Grey (RAL7030)
    - Internal: FR ABS White (RAL9016)
    - Splice trays: FR ABS White (RAL9016)
- Testing:-
    - Sealing: IP55 – External product only
    - 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) 230 x (h) 160 x (d) 60
- Packed Weight (Kg):   0.55
- Net Weight (Kg):   0.5
- Installation Instructions Included

Additional Items

Heat Shrink Splice Protectors

Splice protectors are used to protect the fibre splice. They are 1.5mm in diameter and 30mm in length.

Prysmian Part No. - XPESC00057 (pack of 50)

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