



Internal Fibre Distribution Enclosure – Splice

3A Splice Management

Application/Product Description

The Internal Fibre Distribution Enclosure is used as a Floor Distributor (FD) or as a Building Entry Point (BEP) in order to break out and splice optical fibre cables. Typically housed within a building riser or floor area, to distribute the circuits to the accommodation/business units on a specific floor or zone of a larger MDU, MBU or for an entry point into smaller buildings.

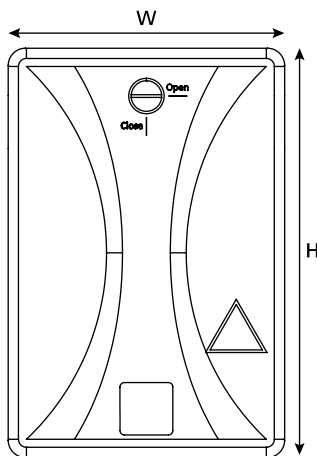
The slim two layer enclosure has multiple cable entry points on all sides to suit different mounting positions both vertically and horizontally. These can be used to support mid-span/in-line and cable (butt) end configurations. Up to 18 splices (double stacked) can be supported on the splice tray which is hinged over the separate fibre storage area located in the base of the enclosure. The splice tray includes features to accommodate splitters if required. Drop cables are managed through separate exit ports with cable tie strain relief features. Positive fibre management ensures 30mm minimum fibre bend radius is maintained throughout.

The enclosure cover is entirely removable to give clear access to the fibre storage and splice areas. The cover is secured with a twist lock and can be customised with the network operator logo.

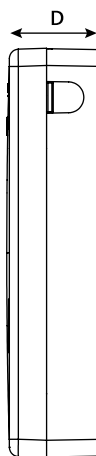
Technical Data

Dimensions (mm)	H	W	D
	154	104	34
Maximum number of splices	18 (up to 45mm)		
Weight (kg)	0.160		
Housing material	ABS		
Colour	White		

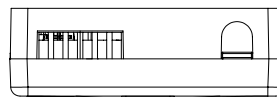
Technical Diagrams



Front View



Side View



Base View



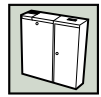
Fibre Distribution Enclosure Example Fibred with 3A Splice Protectors

Features and Benefits:

- Suitable for use as a Building Entry Point (BEP) or Floor Distributor (FD) Unit
- 6 cable entry ports around the closure – riser/backbone cables up to 9.0mm
- Up to 18, 45mm 3A splices on dedicated splice tray
- Separate exit point for drop cables with dedicated strain relief features
- Hinged management tray for storing excess fibre away from the splice area
- Maintains minimum 30mm bend radii making it suitable for G652D and G657 single mode fibre types
- Splitter management area enables the mounting of passive optical splitters
- High quality moulding with rounded edges to prevent potential damage to unprotected fibre
- Well supported fibre routes to maintain good fibre management for single fibre and bundles

Standard Kit Accessories:

- 2 x Screws
- 12 x Cable Ties
- 1 x Laser Warning Label
- 2 x Double Sided Adhesive Pads



Additional Product Images



Layer 1: Hinged Splice Management Tray



Layer 2: Fibre Storage Area



Rear View

Part Numbers

Part No.	Description
FDES-XXXWH	Internal Fibre Distribution Splice Enclosure

Other variants are available on request.