



## FC-FD1 Fibre Optic Joint Closure

### Main Features

The FC-FD1 is an environmentally IP68 sealed closure, typically used for fibre optic cable distribution in FTTX Networks. This generic closure provides the function of splice and passive component integration in the external network. The FC-FD1 has a very small compact design for modern fibre optic deployments.

### Management

- The enclosure has 1 mechanical oval port and 1 round port for cable access.
- Designed for both aerial and underground distribution use.
- Supports looping of the feeder cable through the oval port.
- Enables deployment of branch off cables and drop cables through various seals in the round ports.
- Accommodates both heat shrink or mechanical seals or a combination of both.

### Storage

- The enclosure has a footprint of up to 16 x SC or 16 x LC adaptors in each port.
- Uncut tubes can be stored safely in cable management slack basket.
- Mid Span fibres can be safely stored in the splice tray.
- Facilitates the use of pre-connected fibre cable.
- Space for 8 x PLC Splitters in total, two PLC Splitters per 24 Fib Splice tray.

### Specification

Underground, Wall Mountable and Boundary Box FTTH.

#### Dimensions (mm)

	<b>FC-FD1</b>
L	244 mm
W1	139 mm
W2	169 mm

	<b>Fibres</b>	<b>Splice Trays</b>
Single element splice capacity	12 – 24 Fibres	4 x Tray 48-96 Fibres
Adaptors	16 SC Footprint / 16 LC each	16 x Pre-Connected Fibres
Splice capacity with adaptors	48 Fibres	16 x Drop Splice Fibres



## Dimensions



## Mechanical Entry Options

### MR - 4SK

- Round port closing kit
- Oval port  $\varnothing$  30 mm
- Up to 4 Micro Blown Cables
- Maximum Diameter 11 mm



### MR - 6SK

- Round port closing kit
- Oval port  $\varnothing$  30 mm
- Up to 6 Micro Blown Cables
- Maximum Diameter 8 mm



### MR - 8SK

- Round port closing kit
- Oval port  $\varnothing$  30 mm
- Up to 8 Micro Blown Cables
- Maximum Diameter 6.5 mm



### MR - 16SK

- Round port closing kit
- Oval port  $\varnothing$  30 mm
- Up to 16 Micro Blown Cables
- Maximum Diameter 3.8 mm



### OM - 8SK

- Oval port closing kit
- Oval port  $\varnothing$  65 mm
- Up to 8 Micro Blown Cables
- Maximum Diameter 5 - 8 mm
- Maximum Diameter 8 - 12 mm
- Maximum Diameter 17 - 20 mm

