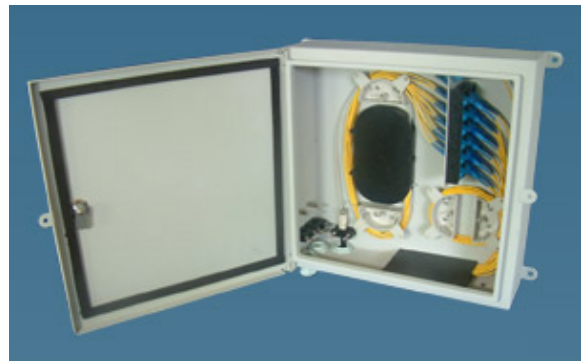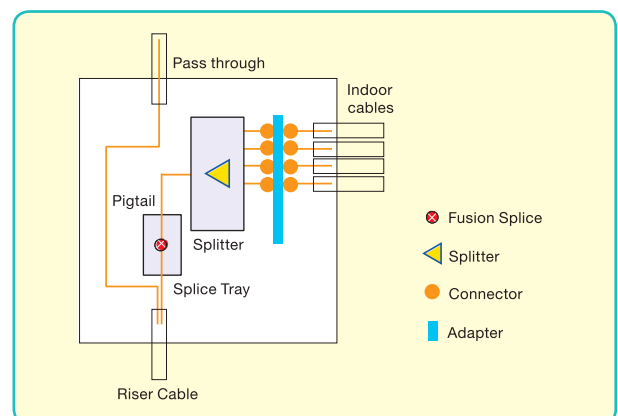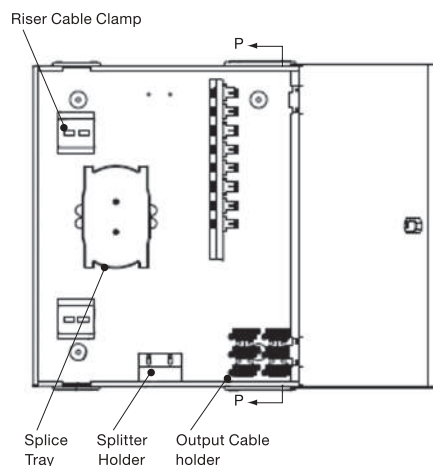# *OUTDOOR WALL MOUNT* FTTX BOXES

## Description

The outdoor wall/pole mount FTTX boxes are environmentally sealed enclosures for splitting and redistributing optical power from feeder fibers to distribution fibers for FTTX networks. They are also designed for fiber splicing, termination, and management.

Additional splice trays can be stacked on top to increase capacity. Each splice tray can install up to 24 single fiber splice protection sleeves (with diameter of 2.3mm) or 6 ribbon splice protection sleeves. Splice trays can be opened individually and removed from the box. Excess length of cables/pigtails is stored in reels on the front panel.



## Dimensional Drawing



Riser Cable Clamp
P
Splice Tray
Splitter Holder
Output Cable holder
P



Pass through
Indoor cables
Pigtail
Splitter
Splice Tray
Riser Cable

⊗ Fusion Splice
◁ Splitter
● Connector
▮ Adapter

## Features

- Wall mountable
- Front door access
- Keyway entry
- Provides fiber splicing, splitting and termination in one unit

- Made from galvanized steel sheet
- Fiber bend radius control
- High density
- Low cost

## Applications

- FTTX deployments
- For building entrance terminals
- Cross-connects
- Telephone closets

- For pre-connectorized cables
- Field installation of connectors
- Splicing of pigtails

## Specifications

| Box Type | Dimensions (W*D*H)mm | Capacity FC/SC adapters | Capacity LC adapters |
|----------|----------------------|-------------------------|----------------------|
| | 240*380*90 | 12 | 24 |
| | 420*425*100 | 24 | 48 |
| ODF-SWB | 420*425*100 | 48 | 72 |
| | 500*425*200 | 72 | 96 |
| | 520*425*220 | 96 | 192 |

## Ordering Information

Part Number:   **ODF-SWB SC R  24**

| | | |
|---|---|---|
| Product Type | SWB | FTTX Wall mount fiber splice and termination box |
| | ST | Splice tray |
| Adapter Type | FC | FC/PC |
| | FA | FC/APC |
| | SC | SC/PC simplex |
| | SC2 | SC/PC duplex |
| | SA | SC/APC simplex |
| | SA2 | SC/APC duplex |
| | ST | ST/PC |
| | LC | LC/PC simplex |
| | LC2 | LC/PC duplex |
| Adapter Grade | R | Single mode (SM) |
| | K | Multimode (MM) |
| Number of Ports | 12 | Single fiber, 12 ports, loaded with adapters, and 1 splice tray |
| | 24 | Single fiber, 24 ports, loaded with adapters, and 1 splice trays |
| | 36 | Single fiber, 36 ports, loaded with adapters, and 2 splice trays |
| | 48 | Single fiber, 48 ports, loaded with adapters, and 2 splice trays |
| | 72 | Single fiber, 72 ports, loaded with adapters, and 3 splice trays |
| | 96 | Single fiber, 96 ports, loaded with adapters, and 4 splice trays |
| | 144 | Single fiber, 144 ports, loaded with adapters, and 6 splice  trays |

Note   PLC splitters have to be ordered separately.

**Part Number Examples**

| Part Number | Description |
|-------------|-------------|
| ODF-SWBFCR12 | Outdoor FTTX box,  wall mount, 12 SM FC adapters loaded, for single fiber splicing. |
| ODF-SWBSA2R24 | Outdoor FTTX box, wall mount, 12 SM SC/APC duplex adapters loaded, for single fiber splicing. |
| ODF-SWBLC2R48 | Outdoor FTTX box,  wall mount, 24 SM LC duplex adapters loaded, for single fiber splicing. |