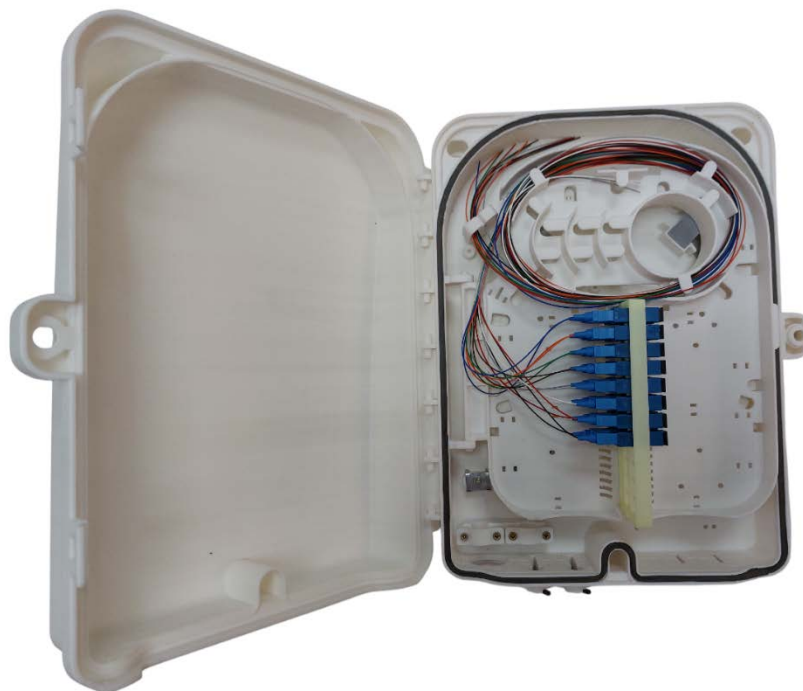


# IP65 Fiber Termination Box

## 16 PORT CAPACITY

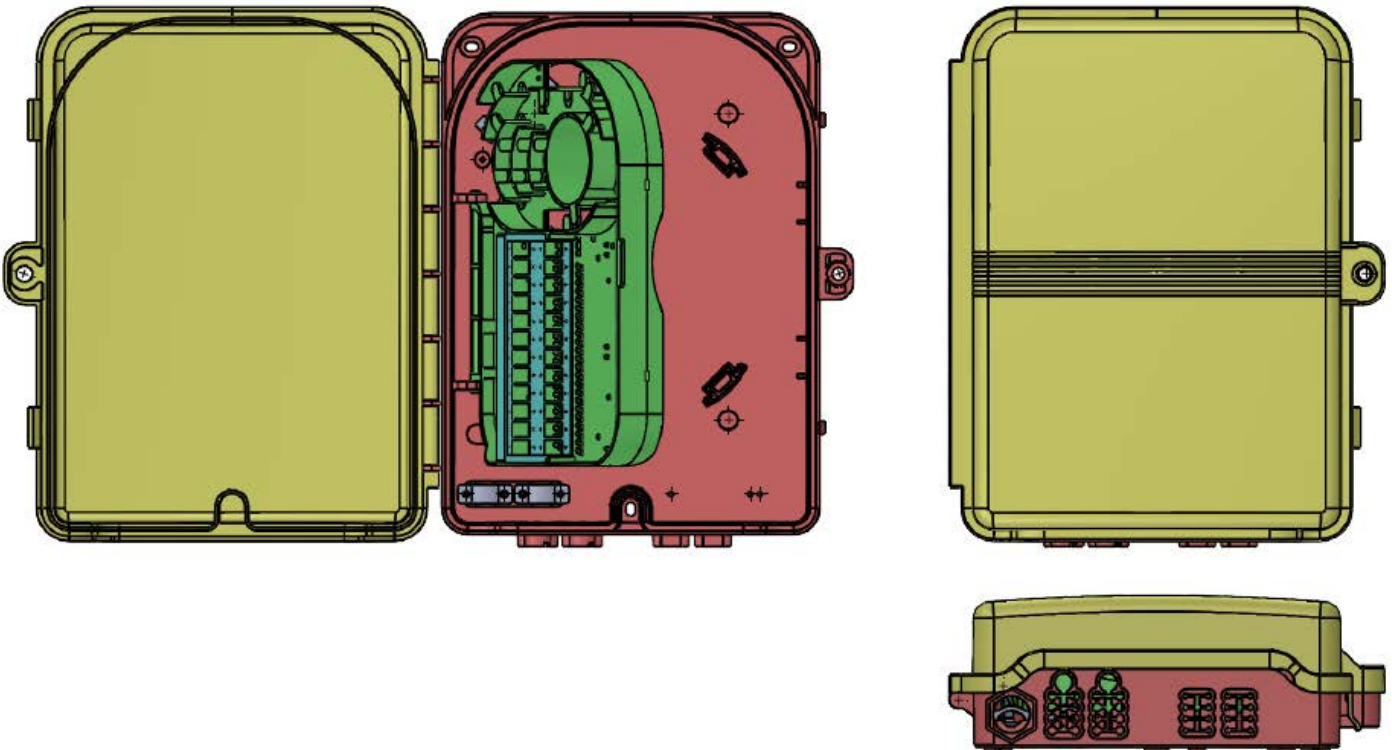
- The Optical Fiber Termination Box (OFTB) is designed for:
  - Patching and splicing optical Fibers
- It supports:
  - One incoming cable (expandable to three)
  - Configurations of 2x16 drop cables
- The internal structure includes:
  - A splice tray for Fiber splicing
  - Dedicated spaces for Fiber management and storage
- Suitable for:
  - Indoor and outdoor installations
  - Wall or pole-mounted installations
- Offers a versatile and reliable solution for managing optical Fiber connections.



Note: the picture above is just indicative regarding the ports' capacity.

## APPLICATIONS

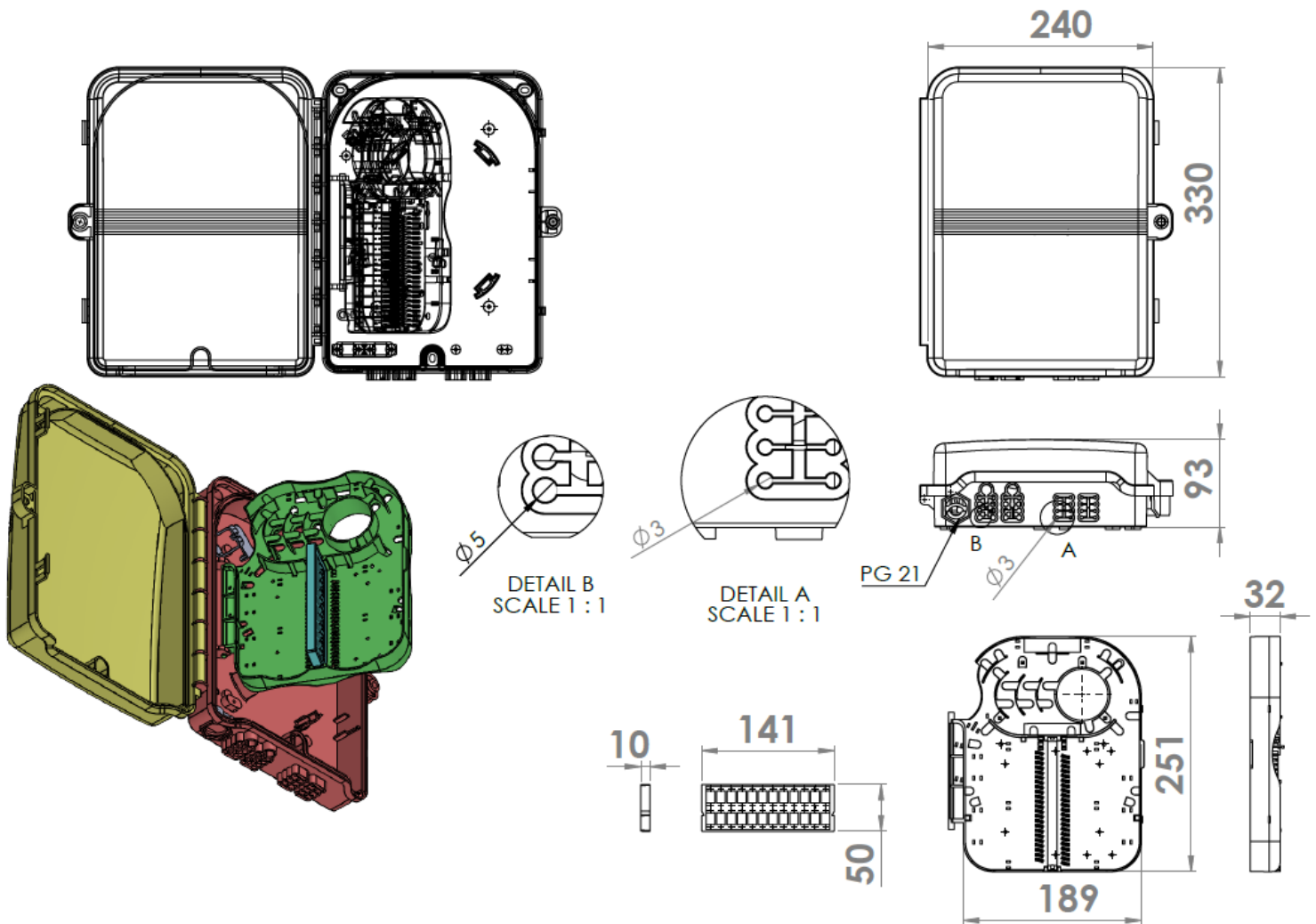
- FTTX access networks.
- CATV networks
- Data Communications network
- Local Area Network.




## Detailed Drawings

### A. 16 Ports BOX (P/N) : ICF-OFTB-16

| FTTH Materials              | Unit | Ports | SC/APC Couplers | SC/APC Pigtails | Inlet Hole  | Outlet Holes  | Splicing Trays Capacity                          | Environmental      | Extra Info                           |
|-----------------------------|------|-------|-----------------|-----------------|---|---|--|--------------------|--------------------------------------|
| Multi Dwelling ODF          |      |       |                 |                 |   |   |  |                    |                                      |
| Multi Dwelling ODF 16 ports | PC   | 16    | 16              | 16              | a) At least one hole adjustable 10-24mm<br>b) 16 preterminated patch cords without affecting the IP | 16 holes of 3 mm diameter for the entry of unterminated 3mm diameter direct drop cables | 16 splices, splicing protection sleeves included | IP65, UV Resistant | Lock, Key<br>< 2 Kgr<br>Wall mounted |



## Features

1. Structure fully enclosed.
2. Material: PC+ABS, UV-resistant, flame-retardant, moisture-proof, waterproof, dust-proof, and ageing-proof, IP65, RAL 7016 (dark grey) or RAL 7035 (light grey).
3. Locks: Zinc alloy or stainless-steel keys (non-plastic keys) with rubber sleeves.
4. Installation Wall Mountain Kit.  (x4)
5. Cable entrances: Fitted with appropriate removable plugs.
6. The design integrates entry cable and lead-down clamp, optical Fiber splicing, fixing, storage, and distribution.
7. Cables, tail Fibers, and jumpers each have their own paths to avoid interference. The Dark-Box SC/LC/PLC adapter is easy to install and maintain.
8. Distribution panels: Turntable, and cup joints used for incoming cables to facilitate maintenance and installation.
9. Box body: Suitable for both wall-hanging and pole-type installations, making it appropriate for indoor and outdoor use.

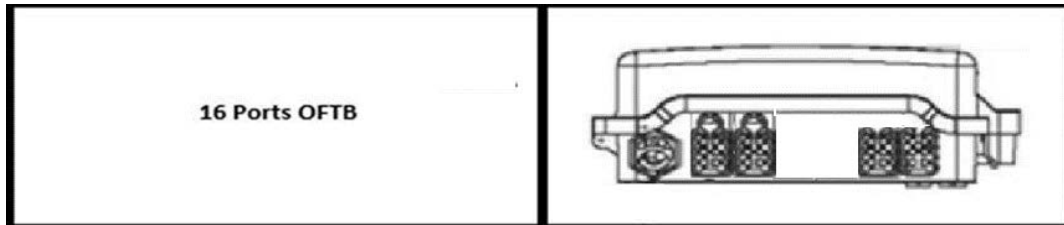
## International Standards Compliance

- IEC 61300-2-4:1995, Fiber/cable retention
- IEC61300-3-34, Attenuation of Connector
- IEC 61300-2-12, Free Drop Test
- IEC 61300-2-12, Impact Test
- IEC 61300-2-1, Vibration Test
- GR-771-CORE, Thermal Aging Test
- GR-771-CORE, Cable Flexing Test
- ISO 14001:2004, Environment Management
- ISO 18001:2007, OHSAS

## DIMENSIONS

| Model             | Size                    | Capacity |
|-------------------|-------------------------|----------|
|                   | L x W x H (mm) External | Splicing |
| (P/N):ICF-OFTB-16 | 330*240*93              | 16       |

## CABLE IN/OUT MANAGEMENT



## MARKING

The individual inner box is labeled with information:

- Operator's Logo
- Operator's Material Code Number
- Description of item
- Name of Manufacturer
- Laser caution sign

## BOX Components

| Item | Component                      | Quantity |
|------|--------------------------------|----------|
| 1    | OFTB Box                       | 1        |
| 2    | Pigtails & Adaptors            | 16       |
| 3    | Installation Wall Mounting kit | 1        |
| 4    | 40mm Heat Shrink Sleeves       | 16       |
| 5    | Master Key                     | 1        |
| 6    | Numbering Label                | 1        |
| 7    | Quick Installation Manual      | 1        |