

### Description:

The FETB-02R environmental fiber optic termination box is a low cost, convenient point for the feeder cable to connect with drop cable in FTTx communication network systems. It can be utilized as a traditional wall mount box for indoor applications. The FETB-02R provides space for fiber optic splicing, optical splitters, and fiber distribution in a lightweight rugged environmental package.



### Features:

- Key access for added security.
- Rugged lightweight ABS construction, waterproof, dust-proof, with IP65 environmental protection.
- Strain relief clamps for feeder or drop cable.
- Space for fiber splicing, optical splitters, fiber storage and distribution.
- Cable, pigtails, and patch cords are routed separately to allow for easy access and maintenance.
- Distribution panel flips up, allowing feeder cable to be installed in a split-joint grommet for easy maintenance and installation.
- Suitable for both indoor and outdoor applications.
- Knockouts for cable egress.
- Full length door hinge.
- Ground stud.



### Specifications:

#### Environmental Data

Working temperature:  $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$   
Relative humidity:  $\leq 85\%$  ( $+30^{\circ}\text{C}$ )  
Atmospheric pressure:  $70\text{KPa} \sim 106\text{Kpa}$   
Water Resistance: Up to IP65 rated

#### Main Technical Data

Life of insertion and extraction:  $> 1000$  cycles

#### Lightning Protection Data

The grounding device is isolated with the cabinet, isolation resistance is no less than  $1000\text{M}\Omega/500\text{V}$  (DC);  $\text{IR} \geq 1000\text{M}\Omega/500\text{V}$   
 $3000\text{V}$  DC Isolation



### Part Number Matrix:

| Model           | Description   | Overall Dimensions (Fig. 1) | Max Capacity |        | Installation Dimensions (Fig 2.) |
|-----------------|---|-----------------------------|--------------|--------|----------------------------------|
|                 |   | A * B * C (mm)              | Splitter     | Splice | A * B (mm)                       |
| FETB-02R        | Environmental Box (No adapters)                               | 210 * 204 * 49              | 12           | 12     | 148 * 191                        |
| FETB-02R-12SCSG | Environmental Box Preloaded with 12 Simplex SC Adapters Green | 210 * 204 * 49              | 12           | 12     | 148 * 191                        |
| FETB-02R-12SCSB | Environmental Box Preloaded with 12 Simplex SC Adapters Blue  | 210 * 204 * 49              | 12           | 12     | 148 * 191                        |
| FETB-02R-12SCSQ | Environmental Box Preloaded with 12 Simplex SC Adapters Aqua  | 210 * 204 * 49              | 12           | 12     | 148 * 191                        |
| FETB-02R-12SCSE | Environmental Box Preloaded with 12 Simplex SC Adapters Beige | 210 * 204 * 49              | 12           | 12     | 148 * 191                        |
| FETB-02R-06LCDG | Environmental Box Preloaded with 6 Duplex LC Adapters Green   | 210 * 204 * 49              | 12           | 12     | 148 * 191                        |
| FETB-02R-06LCDB | Environmental Box Preloaded with 6 Duplex LC Adapters Blue    | 210 * 204 * 49              | 12           | 12     | 148 * 191                        |
| FETB-02R-06LCDQ | Environmental Box Preloaded with 6 Duplex LC Adapters Aqua    | 210 * 204 * 49              | 12           | 12     | 148 * 191                        |
| FETB-02R-06LCDE | Environmental Box Preloaded with 6 Duplex LC Adapters Beige   | 210 * 204 * 49              | 12           | 12     | 148 * 191                        |

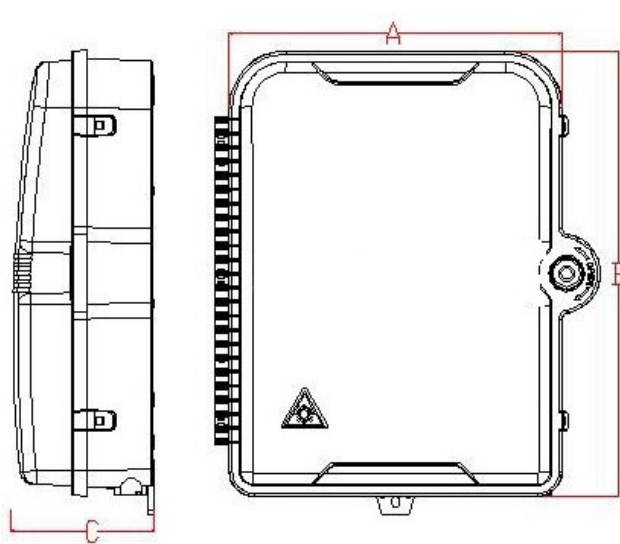


Fig. 1 Overall Dimensions (mm)

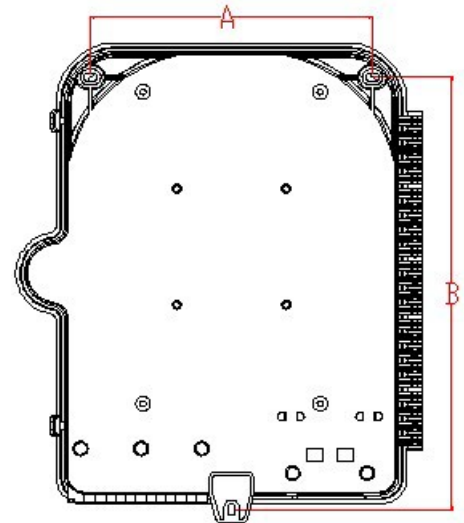


Fig. 2 Installation Dimensions (mm)