

Introduction:

The FETB-01 environmental fiber optic termination box is a low cost convenient solution can be used as a termination point for the feeder cable to connect with drop cable in FTTX communication network system or used as a traditional wall mount box for indoor applications. The FETB-01 provides for fiber optic splicing, optical splitting, and fiber distribution in a light weight rugged package.

Features:

- Key access for additional security
- Rugged ABS construction, water-proof, dust-proof, anti-aging, environmental protection level up to IP65.
- Strain relief clamps for feeder or drop cable, fiber splicing, optical splitting, storage, distribution.
- Cable, pigtails, patch cords are routed separately to avoid interference with each other for easy maintenance.
- Distribution panel flips up, allowing feeder cable to be installed in a split-joint grommet for easy maintenance and installation.
- Cabinet can be installed either wall-mounted or pole-mounted, suitable for both indoor and outdoor uses.
- Grounding stud, knockout for cable entry, and full length hinge smooth operation.



Specifications:

Environmental Data

Working temperature: -40 °C~+85°C
Relative humidity: ≤85% (+30°C)
Atmospheric pressure: 70Kpa~106Kpa
Water Resistance: Up to IP65 rated

Main Technical Data

Life of insertion and extraction: >1000 time

Lighting Protection Data

The grounding device is isolated with the cabinet, isolation resistance is no less than 1000MΩ/500V (DC);
IR≥1000MΩ/500V
3000V DC Isolation

Configuration table:

| Model | Description | Overall Dimensions (Fig. 1) | Max Capacity | | Installation Dimensions (Fig. 2) |
|----------------|---|-----------------------------|--------------|--------|----------------------------------|
| | | A * B * C (mm) | Splitter | Splice | A * B (mm) |
| FETB-01 | Environmental Box (No Adapters) | 320 * 240 * 100 | 24 | 24 | 190 * 298 |
| FETB-01-24SCSG | Environmental Box Preloaded with 24 Simplex SC Adapters Green | 320 * 240 * 100 | 24 | 24 | 190 * 298 |
| FETB-01-24SCSB | Environmental Box Preloaded with 24 Simplex SC Adapters Blue | 320 * 240 * 100 | 24 | 24 | 190 * 298 |
| FETB-01-24SCSQ | Environmental Box Preloaded with 24 Simplex SC Adapters Aqua | 320 * 240 * 100 | 24 | 24 | 190 * 298 |
| FETB-01-24SCSE | Environmental Box Preloaded with 24 Simplex SC Adapters Beige | 320 * 240 * 100 | 24 | 24 | 190 * 298 |
| FETB-01-12LCDG | Environmental Box Preloaded with 12 Duplex LC Adapters Green | 320 * 240 * 100 | 24 | 24 | 190 * 298 |
| FETB-01-12LCDB | Environmental Box Preloaded with 12 Duplex LC Adapters Blue | 320 * 240 * 100 | 24 | 24 | 190 * 298 |
| FETB-01-12LCDQ | Environmental Box Preloaded with 12 Duplex LC Adapters Aqua | 320 * 240 * 100 | 24 | 24 | 190 * 298 |
| FETB-01-12LCDE | Environmental Box Preloaded with 12 Duplex LC Adapters Beige | 320 * 240 * 100 | 24 | 24 | 190 * 298 |

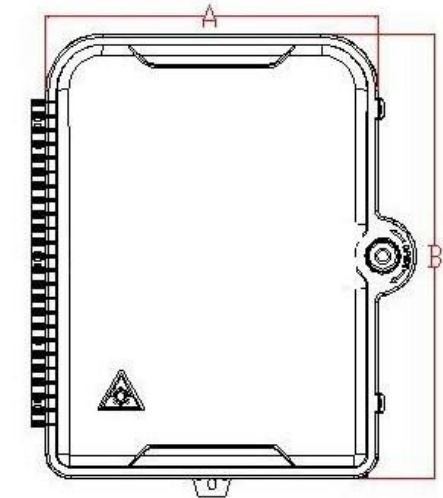
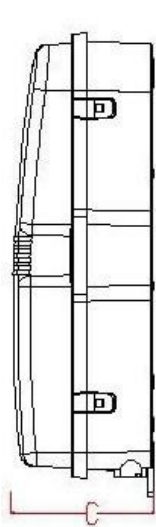


Fig. 1 Overall Dimensions (mm)

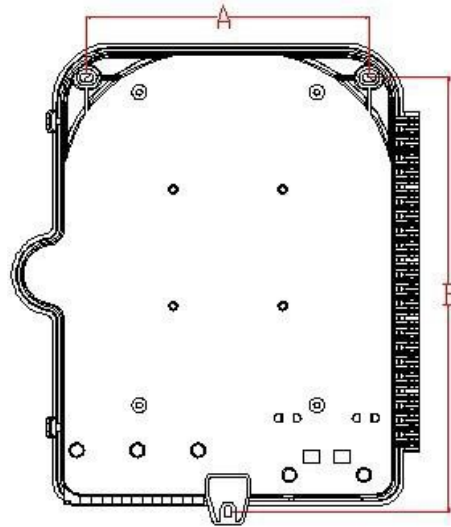
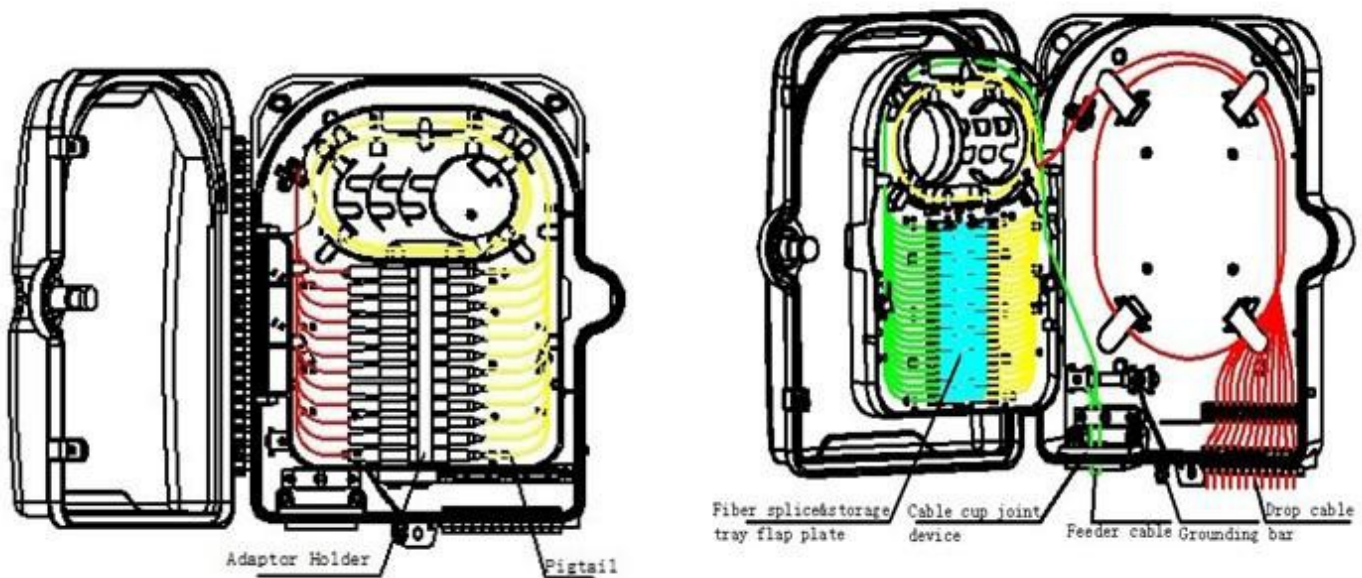


Fig. 2 Installation Dimensions (mm)

Cable Routing Pathways:



Installation Instructions:

Wall-mounted: Drill 4 holes using dimensions provided in table 1, insert the expansion bolt $\Phi 7.5 \times 40\text{mm}$, place the box to line up the holes and use bolt to fasten. (Fig. 4)

Pole-mounted: Install 1 set of adjustable pole mount rings to the back of the box. (Fig. 6)

Accessories:

- User Manual x1
- Key x1
- Accessories Bag x1
- Adjustable pole ring x2, M6*20mm Bolt x2 (Optional)

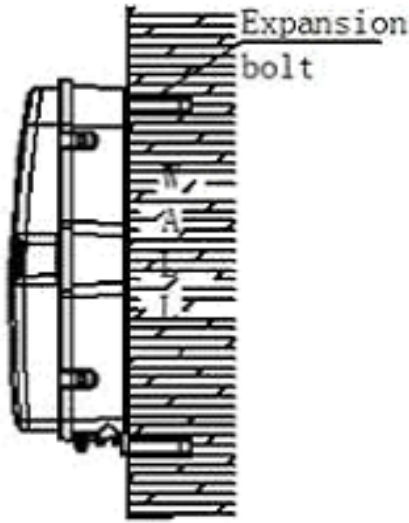


Fig. 4 Wall-mount Installation

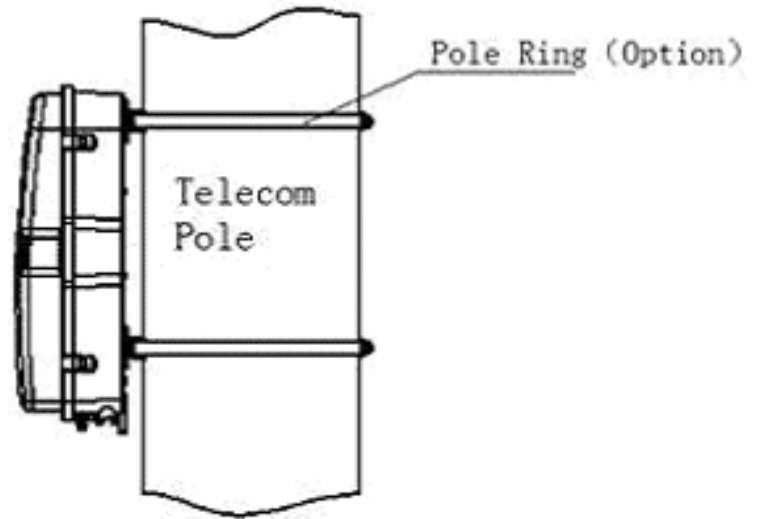


Fig. 5 Pole-mount Installation

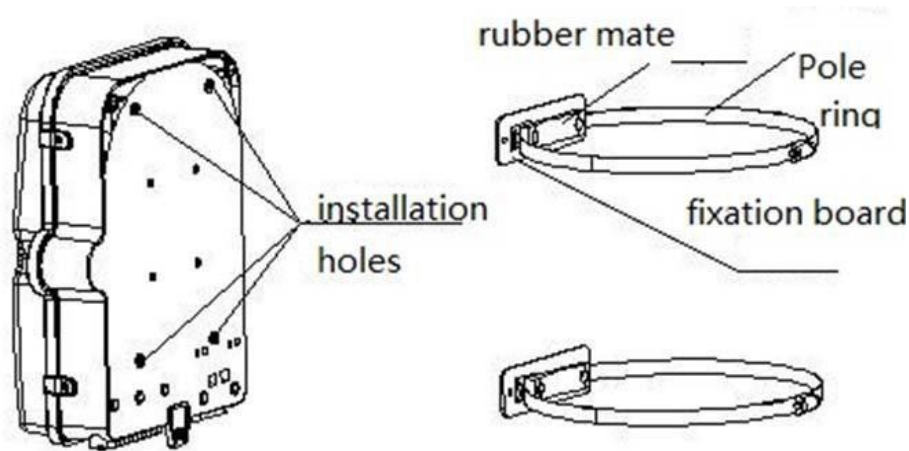


Fig. 6 Pole ring Installation