



## FTB-102B\_FIBER OPTIC OUTLET

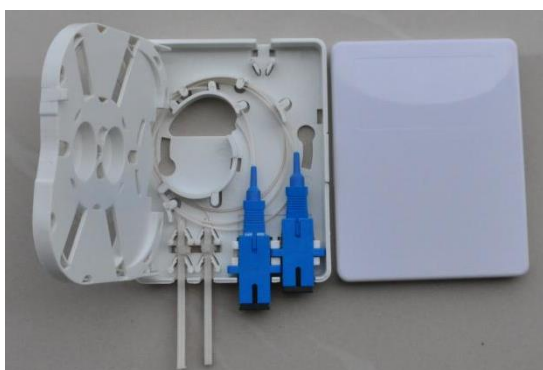
### .Application :

The FTB-102B is a desk mounted or wall mounted termination box for end user, indoor use, capable to handle fiber fusion, fiber cables and pigtails.

#### 1 SC Port



#### 2 SC Port



### .Features & Benefits

- Support termination, splicing and storage for fiber optic cable systems
- Suitable for 1pc or 2pcs adapters SC configuration
- The minimum bending radius Compatible with G.657B3
- The complete outlet is fully compatible with 3.0 mm LSZH G.657.B3 indoor/outdoor drop cable
- Compact structure, dust protection and perfect fiber management
- If the outlet contains any metallic parts, they must be corrosion resistant.
- Engineered fiber routing protect bend radius through the unit to ensure signal integrity
- It has space to install one additional mechanical splice connector, in order to to mechanically splice the drop fiber to the pigtail
- ICE logo embossed or debossed logo on the cover
- Applicable for desk-mount or wall-mounted and compatible with flush-mount outlet.

### .Specifications

| Parameter | Value    | Remark |
|-----------|----------|--------|
| Model     | FTB-102B |        |



|                        |                                         |                     |
|------------------------|-----------------------------------------|---------------------|
| Outside Dimension (mm) | 80*100*25                               |                     |
| Material               | high-impact thermoplastic ABS<br>UL94V0 |                     |
| Color                  | White                                   |                     |
| Storage of fibers      | G.657B3                                 |                     |
| Splice capacity        | 2 fiber                                 |                     |
| Splice Method          | Fusion Splice or mechanical<br>splicing |                     |
| Adapter type and count | 1 SC or 2 SC (max)                      |                     |
| Input cable            | 3mm or figure 8 (2*3mm)                 | From side or bottom |

### . Configuration

| No. | Name                                                      | Qty.  |
|-----|-----------------------------------------------------------|-------|
| 1   | SC APC SM SX adapter                                      | 1     |
| 2   | Pigtail, SM G657B3, 0.9mm, 1 meter,<br>LSZH, yellow color | 1     |
| 1   | Fiber splice protection sleeve 45mm<br>sleeve             | 2pcs  |
| 2   | Expansion bolts for the outlet<br>wall-mounted            | 1 set |



| SC APC Adapter            |         |
|---------------------------|---------|
| Insertion loss (dB)       | ≤0.2    |
| Repetitiveness (dB)       | ≤0.1    |
| Interchangeability (dB)   | ≤0.2    |
| Plug times                | >500    |
| Tensile strength (g)      | 200~600 |
| Operating Temperature (℃) | -40~+85 |



| SC APC Pigtail G657B3 |       |
|-----------------------|-------|
| Insertion loss (dB)   | ≤0.25 |
| Return loss (dB)      | ≥60   |





|                           |          |
|---------------------------|----------|
| Ferule Material           | Zirconia |
| Operating Temperature (℃) | -40~+85  |

**Fiber Optic Mechanical Splice is optional accessory, it can be installed as below photo.**

**It does not include in the quotation.**

