



## FIBERCORE OPTICAL TERMINATION BOX (OTB) 24 PORT OUTDOOR

### Product Overview

The FiberCore OTB 24 Port Outdoor Optical Termination Box is a reliable solution for FTTH applications requiring secure and high-capacity fiber distribution in outdoor environments. Supporting up to 24 SC, LC, FC, or ST adapters, it integrates fiber splicing, termination, and optional PLC splitter installation within a weather-resistant ABS enclosure. With a wall-mounted or pole-mounted design and IP65-rated protection, it ensures dependable performance and durability, making it ideal for Fiber-to-the-Home (FTTH), CATV, telecommunication, and data communication network deployments.

### Features

- Capacity: up to 24 fiber terminations using SC adapters
- Supports SC, LC, FC, ST (SC simplex / LC duplex) adapters
- Made of high-strength ABS plastic, outdoor rainfall-resistant
- Optimized fiber management with bend radius  $\geq 30\text{mm}$
- 2 cable entry ports (supports mid-span access without cutting the main cable)
- 24 drop cable exit ports for FTTH applications
- Flexible installation: wall-mount and pole-mount options

### Applications

- FTTH (Fiber to the Home) access network
- FTTB (Fiber to the Building) distribution
- Telecommunication networks
- CATV (Cable TV) networks
- Data communication networks



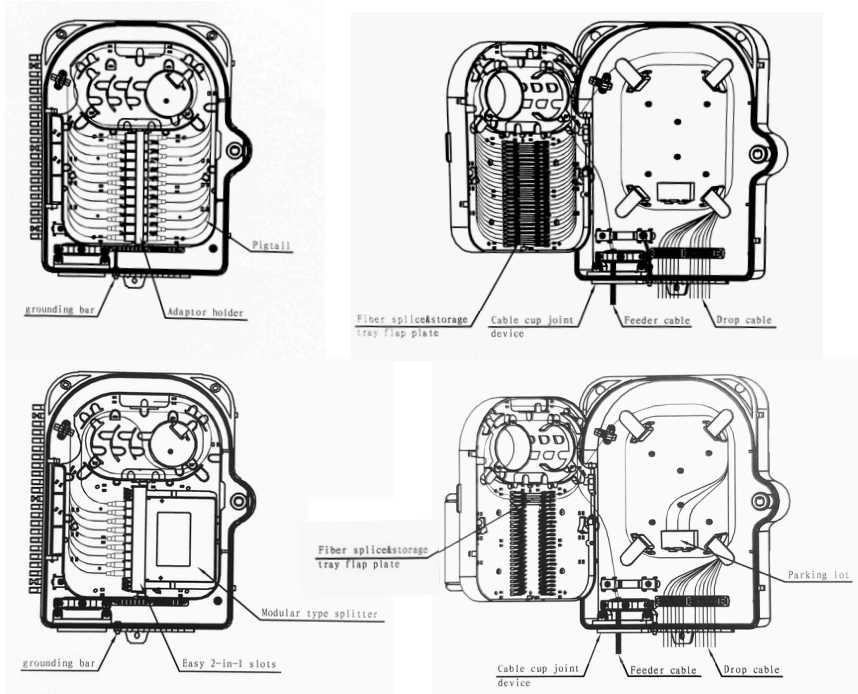
Want to know more about FiberCore?

For more information visit [www.fibercore-plus.com](http://www.fibercore-plus.com) or contact [sales@fibercore-plus.com](mailto:sales@fibercore-plus.com)

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## FIBERCORE OPTICAL TERMINATION BOX (OTB) 24 PORT OUTDOOR

### Technical Sketch



### Technical Specifications

- Model: FC-45-OTB-O24
- Capacity: Max. 24 fibers
- Adapter Capacity: Max. 24 SC simplex / 24 FC simplex / 24 LC duplex
- Material: ABS plastic, outdoor-grade
- Color: Light Grey
- Dimensions: 274.3 × 313.4 × 114.1 mm (W × H × D)
- Cable Entry Ports: 2 pcs (7–14 mm cable diameter)
- Drop Cable Ports: 24 pcs (2–3 mm FTTH drop cables)
- Ingress Protection: IP65 (dustproof and rainfall resistant)
- Installation: Wall-mount / Pole-mount
- Operating Temperature: -40°C ~ +70°C
- Relative Humidity: ≤ 95% (non-condensing)

### Accessories

- Integrated splice tray
- Adapter panel (24 ports)
- Cable entry glands (2 pcs)
- Cable fixing clamps / holders
- Dust caps for adapters
- Installation kit (screws, wall plugs, cable ties)



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## FIBERCORE OPTICAL TERMINATION BOX (OTB) 24 PORT OUTDOOR

### ■ Technical Characteristics

- Enclosure made of high-strength ABS plastic with UV resistance
- Snap-fit or screw-type cover for easy maintenance
- Internal arrangement allows neat fiber management and bending radius protection
- Lockable design for enhanced security

### ■ Fiber Management

- Supports up to 24 fibers per splice tray
- Fiber routing guides to maintain minimum bend radius
- Easy access to adapters and splice points for maintenance

### ■ Ordering Information

Description	Part No.
OTB 24 Port Outdoor - 274mm x 313mm x 114mm	FC-45-OTB-O24



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