

## FIBERCORE OPTICAL TERMINATION BOX (OTB) 48 PORT OUTDOOR

### Product Overview

The FiberCore OTB 48 Port Outdoor Optical Termination Box is a robust solution for FTTx applications requiring high-capacity fiber termination and distribution in outdoor environments. Supporting up to 48 SC, LC, FC, or ST adapters, it accommodates fiber splicing, termination, and optional PLC splitter installation within a durable weather-resistant enclosure. Designed for wall-mounted or pole-mounted installation, it features IP65-rated protection and a wide operating temperature range of -40°C to +85°C, ensuring reliable performance in harsh conditions.

### Features

- Capacity: up to 48 fiber terminations using SC adapters
- Standard size, lightweight, and durable design
- Fully enclosed structure for better protection
- Made of PC+ABS, water-proof, dust-proof, anti-aging
- Ingress Protection: IP65 (dustproof & rainfall resistant)
- Integrated splicing, fixation, storage, and distribution functions
- Independent routing for feeder cables, pigtails, and patch cords (avoids disturbance during maintenance)
- Supports SC and LC adapters
- Flip-up distribution panel for easy access and cable placement
- Supports wall-mount and pole-mount installation for both indoor and outdoor use

### Applications

- FTTH (Fiber to the Home) termination point
- FTTB (Fiber to the Building) distribution
- Telecommunication subscriber loop
- LAN/WAN data networks
- CATV (Cable TV) networks



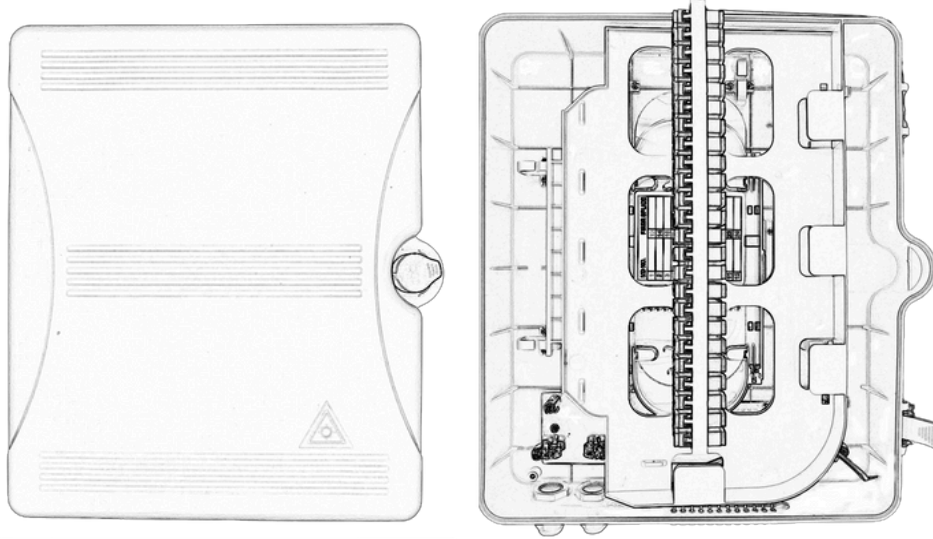
Want to know more about FiberCore?

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) 48 PORT OUTDOOR

### ■ Technical Sketch



### ■ Technical Specifications

- Model: FC-45-OTB-048
- Capacity: Max. 48 fibers
- Adapter Capacity: 48 SC simplex / 48 LC duplex
- Material: PC+ABS, outdoor-grade
- Color: Light Grey
- Dimensions: [Confirm actual mm size]
- Cable Entry Ports: 2–4 pcs (7–14 mm cable diameter)
- Drop Cable Ports: up to 48 pcs (2–3 mm FTTH drop cables)
- Ingress Protection: IP65
- Installation: Wall-mount / Pole-mount
- Operating Temperature: -40°C ~ +70°C
- Relative Humidity: ≤ 95% (non-condensing)

### ■ Accessories

- Splice trays (integrated)
- Adapter panel (48 ports)
- Cable entry glands
- Fiber splice holders
- Cable fixing clamps / holders
- Dust caps for adapters
- Installation kit (screws, wall plugs, ties)



**Want to know more about FiberCore?**

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## FIBERCORE OPTICAL TERMINATION BOX (OTB) 48 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 48 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 48 Port Outdoor - 420mm x 310mm x 138mm	FC-45-OTB-048



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