



## FIBER OPTIC WALL MOUNT OPTICAL DISTRIBUTION FRAME 24 PORT SC

### ■ Product Overview

The OTB Wall Mount 24 Port SC Optical Termination Box is a versatile fiber distribution solution engineered for FTTx applications. Supporting up to 24 SC adapters, it integrates splicing, termination, and cable routing within a single robust enclosure. Constructed from durable PC+ABS with IP65-rated protection, it safeguards fiber connections against environmental stress while offering easy maintenance through a flip-up distribution panel and cassette-type adapter installation.

### ■ Features

- Wall-mounted ODF designed for medium-scale fiber distribution.
- Supports splicing, patching, and cable management.
- Cold-rolled steel, powder-coated finish for durability.
- Front lockable cover for security and dust prevention.
- Modular tray design for efficient splicing and organization.
- Fiber capacity: up to 24 fibers.
- Compatible with SC, LC, FC, or ST adapters.

### ■ Applications

- Telecommunications backbone and access networks
- CATV (Cable TV) systems
- LAN & WAN enterprise networking
- Data centers and server rooms
- FTTH (Fiber to the Home) and FTTx deployment
- Indoor optical cable distribution and management



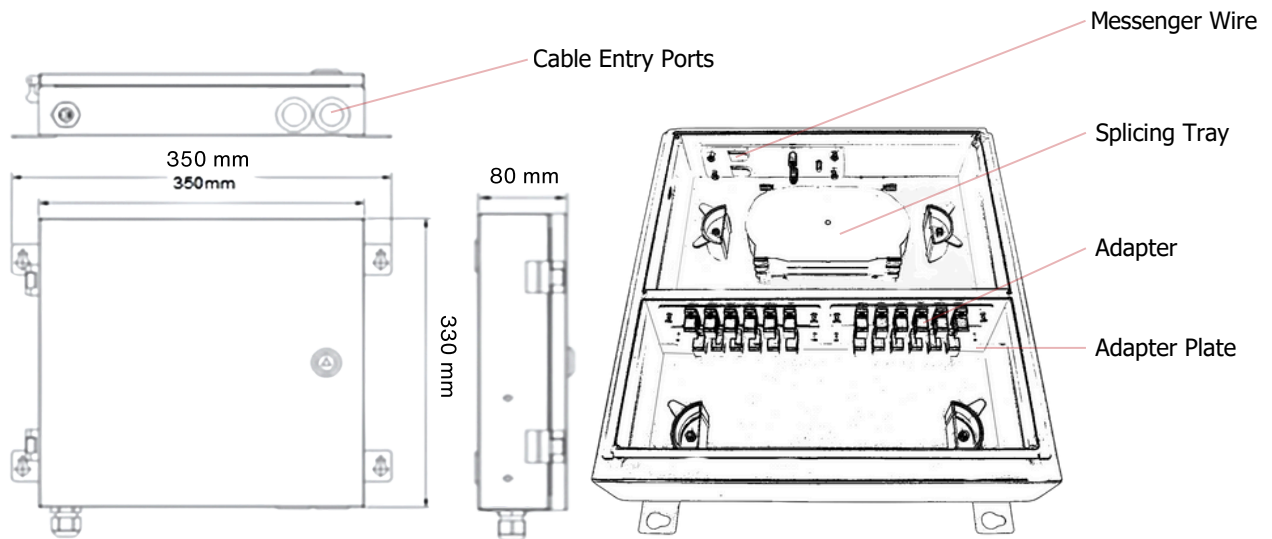
**Want to know more about FiberCore?**

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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### Technical Sketch



### Technical Specifications

- Model: FC-41-WM-24
- Application: Indoor and outdoor use — suitable for cable-to-pigtail protective connection
- Material: Cold-rolled steel with static powder-coated finish (anti-corrosive)
- Color: Light gray or black (customizable)
- Ingress Protection: IP66 (waterproof and dustproof, suitable for harsh environments)
- Capacity: Up to 24 fiber cores
- Adapter Compatibility: SC, LC, FC, ST (simplex or duplex)
- Cable Support: Single-mode or multi-mode fiber cables (ribbon, bundle, or single)
- Cable Entry Ports: Typically 2–4 ports (sealed with rubber grommets or glands)
- Cable Diameter Supported: Ø8.5 mm – Ø18 mm
- Splicing Support: Fusion splice tray integrated (supports heat-shrink sleeves)
- Internal Management:
  - Built-in cable clamps for strain relief
  - Fiber routing with bend radius  $\geq 30$  mm
  - Organized pigtail and cord arrangement
- Mounting Type: Wall-mount / Pole-mount capable
- Dimensions:
  - Height - 350mm
  - Width - 330mm
  - Depth - 80 mm
- Operating Temperature: -40°C to +70°C
- Locking Mechanism: Cover with latch or key-lock (for tamper prevention)



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## FIBER OPTIC WALL MOUNT OPTICAL DISTRIBUTION FRAME 24 PORT SC

### ■ Accessories

- Splice tray
- Expansion bolts
- Hose clamps
- Wire Saddle
- Cable gland
- Mini cable ties
- Heat protection sleeves
- Includes fiber adapters

### ■ Compliance and Certifications

- IP66 Certified
- RoHS Compliant (EU Directive 2011/65/EU)
- REACH Compliant
- ISO 9001:2015 (for manufacturing quality assurance)
- TIA/EIA-568 & ISO/IEC 11801 Structured Cabling Standard Compliant
- Equipped for bonding in accordance with TIA-607-D / IEC 60364

### ■ Ordering Information

Description	Part No.
Wall Mount Optical Distribution Frame 24 Port SC	FC-41-WM-24



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