

Article Overview

Wall-mounted optical distribution boxes are compact enclosures designed for fiber splicing, splitting, storage, and distribution, supporting indoor and outdoor FTTH/FTTx networks.

Key Models and Features

1. Datacom WODF Wall-Mount Fiber Distribution Box

- o Supports 24 to 288 fiber splices using independently mounted 24-fiber splice trays.
 - o Constructed from cold-rolled steel with excellent fiber management for loose/micro loose tubes and 250/900-micron fibers.
 - o Features top and bottom cable entry plates, twin doors with two locks, and 4-point wall mount holes.
 - o Ideal for FTTH applications, building entrances, and floor telecom rooms, allowing cross-connection between distribution and drop cables .
- ### 2. Unisol Wall Mount Optical Fiber Distribution Box (FDB)
- o Supports up to 32 fiber ports with modular design for splicing, splitting, storage, and routing.
 - o Indoor and outdoor compatible, with ABS plastic casing resistant to dust, moisture, UV, and temperature changes.
 - o Supports SC, LC, ST, and FC connectors and passive optical splitter integration.
 - o Features anti-theft locking mechanism and clearly marked routing paths to maintain signal integrity .

3. Multilink Wall-Mount Fiber Enclosures

- o Available in 2, 4, or 8 termination panel capacities, supporting patching and splicing.
 - o Compact dual-door design with lockable network compartments.
 - o NEMA 4 splice enclosures available, supporting up to 72 fibers with 3 trays.
 - o Customizable with OEM logos and optional lockable distribution doors .
- ### 4. Topfiberbox 24-Port Wall-Mounted Fiber Splitter Distribution Box

- o Supports 24 SC or 12 LC duplex adapters, accommodating two incoming cables and 24 drop cables.
 - o High-density ABS+PC construction, UV/shock/water resistant.
 - o Flip-design splice tray for easy installation, rubber-sealed cable ports, and wall or pole mounting options.
 - o Can integrate mini or cassette splitters for diverse applications .
- ### 5. Micostelcom URM SH 24C M Optical Distribution Box
- o Designed for 24 optical connectors, suitable for indoor and outdoor use.
 - o Can be complemented with a post-mount bracket.
 - o Note: This model is no longer actively offered, but alternatives are available from the manufacturer .

Considerations for Selection

- o Capacity: Choose based on the number of fibers and splicing requirements.



Wall-mounted optical distribution box model

- o Material: Steel or ABS/PC for durability and environmental protection.
- o Mounting: Wall-mount, post-mount, or pole-mount options depending on installation site.
- o Connector Compatibility: Ensure support for SC, LC, ST, or FC connectors.
- o Splitter Integration: Required for multi-point FTTH service delivery.
- o Indoor vs Outdoor Use: Weather-resistant enclosures are necessary for outdoor deployment. These wall-mounted optical distribution boxes provide organized, secure, and scalable fiber management, suitable for residential, commercial, and enterprise network deployments.

CommScope offers a complete line of easy-to-use access terminals, copper and fiber splice closures,

Optical fibre wall box mount enclosures and termination boxes. Ideal for FTTH, FTTD in a building's or campus site fibre optic cable

F2H-ODB-B Series Optical Distribution Box provides a high density wall mounted solution for fiber optic networks, which aims to

The ORM 8 optical distribution box is designed for the placement of 4 optical DUPLEX connectors both indoors and outdoors. The

FP-WM-LC series Fiber Optic Cable Enclosure is used for connection, distribution and adjustment between

This optical fiber distribution box integrates essential functions--splicing, splitting, storage, distribution, and routing--into one wall

Wall-mounted FTB is largely meant for direct connections. Procedures like fusion, splicing,

Premium-Line FTTH distribution box is aim designed for multi-purpose applications in FTTH projects. Read more here!

Available for the small capacity communication system and wall mounting. The cabinet is composed of two

Explore reliable FTTH terminal boxes for secure fiber termination and distribution. Wall-mounted design, robust build, for home and

Optical Distribution Box (ODB-96): This outdoor-rated wall mount enclosure is designed for FTTx networks in single dwelling, multi

Fibre Termination Boxes indoor Termination boxes for fiber optic installations in indoor environments.



Wall-mounted optical distribution box model

Designed for all types of cables

Leviton OPT-X SDX Wall-mount enclosures are a smart choice to deploy in entrance facilities, telecommunications rooms and

CommScope wall boxes offer efficient fiber connectivity. Easy installation, versatile sizes, and superior cable management.

Techlogiks wall mount optical fiber distribution frame is available with 12 to 72 fiber capacity and suitable for different types of fiber

Wall mounted fiber optical box is designed for the placement of up to 48 optical connectors indoor. Optical cables can be lead in/out

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