

## Article Overview

The SMC72-core fiber optic distribution box is a durable, IP65-rated solution for managing 72-core fiber connections in FTTx networks, supporting splicing, splitting, and distribution with flexible installation options.

## Key Features

**Durable Construction:** Made from SMC (Sheet Molding Compound, a glass fiber reinforced plastic), the box offers a lightweight yet robust design suitable for both indoor and outdoor use, with a service life exceeding 20 years . **Weather Resistance:** With an IP65 rating, it is wet-proof, water-proof, dust-proof, and resistant to aging, making it ideal for harsh environmental conditions . **Capacity and Compatibility:** Supports 72-core fiber connections and accommodates blade-style optical splitters (1:4, 1:8, 1:16, 1:32) as well as FC, SC, and LC adapters . **Flexible Installation:** Can be wall-mounted or pole-mounted, allowing versatile deployment in carrier hotels, data centers, access points, or outdoor FTTH networks . **Compact and Organized Design:** Features separate paths for feeder cables, drop cables, pigtails, and patch cords to prevent interference. The distribution panel can flip up for easy maintenance, and cassette-type SC adapters or PLC splitters can be installed efficiently . **High-Performance Transmission:** Supports both 100M and 1000M optical transmission, ensuring reliable network performance .

## Applications

The SMC72-core distribution box is primarily used as a termination point for feeder cables to connect with drop cables, enabling fiber splicing, splitting, and distribution. It is suitable for FTTx, FTTH, and outdoor optical distribution networks, providing solid protection and management for fiber infrastructure .

## Additional Considerations

- o Customization: OEM and ODM services are available for branding, packaging, and labeling .
- o Maintenance: Designed for easy access and maintenance, with organized cable management paths .
- o Project Support: Suppliers often provide technical support, sample orders, and assistance with large-scale deployments . The SMC72-core fiber optic distribution box combines durability, weather resistance, and flexible installation to deliver a reliable and efficient solution for modern fiber optic network management.

**Ip65 32core Fiber Optical Communication Distribution Box Description:** 1. It is good for storage of fixing cable achieves.



## SMC72-core fiber optic distribution box

64 Cores Wall Mounted SMC Fiber Optic Cabinet FDH Fiber Optic distribution Hub Description: Fiber Optic Cross Connect Cabinet

SJ-ODB-72-SMC 72 Ports SMC Fiber Optic Splitter Box is used as a termination point for the feeder cable to connect with drop cable.

The fiber optic distribution box not only provides protection for the joint between the optical cable and

Factory Price 48 72 96 Core Sc Odc Fdb Outdoor Smc Fiber Optic Termination Box Optical Fiber Fttb Distribution Box, Find

Factory supply SMC 64/72 Core Fiber Optic Distribution Box IP65 FTTH Equipment fiber optic terminal box good quality ODP No

Discover Fiber Termination Box, supporting 8-96 cores with IP65/IP68 protection for durable and versatile

These 72 core fiber distribution box guarantee that data transfer is constant and dependable over great distances by boosting the

Our SMC Optical Distribution Box comes in 144, 288, and 576 cores. They are durable and reliable

The FDB-24Z is an IP65-rated fiber optic distribution box for FTTH/PON networks, supporting 72 fiber splices, 24 SC adapters, and

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

The SMC72-core Optical Fiber Splitter Box is designed for efficient cable distribution and management. It features a wall-mounted

72 96 Core Optical Fiber Distribution Box FTTH Optic Terminal Box Wall Mounted 1:32 Splitter Box Adapter Pigtail ODP SMC

This 72 core inline fiber splice closure can be used as fiber optic distribution box that designed for optical

FTTH fttb fdc 72core fiber optic splice joint closure optical fiber distribution box CH027 is an inline type fiber optic splice

The 8 ports 96 cores fiber distribution box is a interconnect cabinet that provides a high density wall mounted solution for next



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