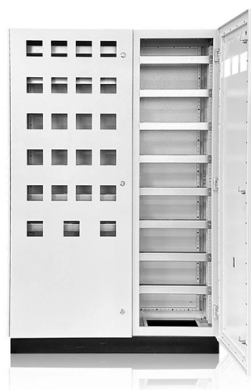


# Mobile Optical Distribution Box Identification Table



## Article Overview

Mobile Optical Distribution Boxes (ODBs/FDBs) can be identified by their material, size, splice capacity, mounting type, and functional features.

### Identification Table for Mobile Optical Distribution Boxes

| Feature                      | Description                                                                    | Notes / Examples                                                           |
|------------------------------|--------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| Box Type                     | Fiber Distribution Box (FDB) / Optical Distribution Box (ODB)                  | Compact, used in FTTx networks, suitable for outdoor and mobile deployment |
| Material                     | High-strength engineering plastics, anti-UV, anti-aging; some metal variants   | Weather-resistant, protects against dust, water, and environmental factors |
| Size & Dimensions            | Small to medium, sufficient for fiber terminations, splices, and slack storage | Wall-mountable or pole-mountable; dimensions vary by model                 |
| Splice Capacity              | Typically 12-24 fibers for small boxes; larger boxes support 48-96 fibers      | Includes splice trays or organizers for fusion or mechanical splices       |
| Fiber Storage                | Slack storage areas with labeling for fiber type and length                    | Ensures organized fiber management and easy maintenance                    |
| Mounting Type                | Wall-mounted, pole-mounted, or mobile cart versions                            | Mobile boxes often have handles or wheels for field deployment             |
| Door & Closure               | Secure latch or lockable door                                                  | Prevents accidental opening while allowing easy access for technicians     |
| Ventilation                  | Proper ventilation to prevent moisture and heat damage                         | Essential for outdoor or mobile use                                        |
| Connector / Splitter Support | Supports pre-connectorized cables, field-installed connectors, or splitters    | Enables connection between feeder and drop cables in FTTx networks         |
| Identification Markings      | Labels, serial numbers, or color-coded indicators                              | Helps technicians quickly identify box type, owner, and fiber count        |
| Environmental Rating         | IP55 or higher for outdoor/mobile use                                          | Ensures protection against dust and water                                  |

## Article Content

Jan 03, 2026

Optical Distribution Boxes – PPC Broadband | Product Catalog

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

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Optical Distribution Boxes – PPC Broadband | Product Catalog

The optical distribution box provides versatility, enabling fusion splicing, direct termination or patching. It can house PLC splitters with

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Identifying our equipment

This guide includes images and descriptions of the most common types of equipment (past and present) to help you identify what's

Nov 27, 2025

6 Must-Know Insights on Fiber Distribution Box

A Fiber Distribution Box (FDB) is a component used in fiber optic networks for power distribution and terminal

Jan 26, 2026

ODF-box (Optical distribution frame)

Every unit is verified and ID-marked, a measurement protocol is enclosed with the opto link and measurement data is stored in

Feb 03, 2026

Optical Distribution Frame (ODF): The Complete Guide for Fiber

Comprehensive guide to Optical Distribution Frames (ODF) for data centers. Learn ODF types, installation best

Sep 13, 2025

FIBER OPTIC DISTRIBUTION BOX

AR-DB-CDO-10P-HC DESCRIPTION The equipment is used as an intermediate distribution point or a termination point for the

Feb 19, 2026

## Optical Cable Termination Box

Optical Distribution Frame distribution frame is used in 19" standard cabinet, with immense thickness, substantial space and full is 1U

Jul 30, 2025

## Handbook Optical fibres, cables and systems

The optical fibres are specified in ITU-T with reference to the geometrical, optical, transmission and mechanical attributes listed in

Oct 31, 2025

## The Different Types of Fiber Optic Distribution Box

The igh density MPO/MTP fiber optical distribution box does not require a power supply, and is suitable for

Jul 08, 2026

## Fiber Distribution Box

Fiber Distribution box contains the shell, the internals (supporting frame, set fiber disc, fixing device) and optical fiber joint protective

Feb 24, 2026

## The Technical Specifications for Fiber Distribution Boxes

By following these technical specifications, network designers and installers can ensure that the fiber distribution box

Jun 04, 2026

## Fiber Optic Distribution Box FAQs

4. How to choose the appropriate Fiber Optic Distribution Box? When selecting a Fiber Optic Distribution Box, the following factors

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## FDB-24F-AS02 Fiber Distribution BoxDatasheet | FS

Fiber Bending Radius Greater than 30mm distribution box is used as a termination point for the feeder cable to connect with drop

Mar 16, 2026

## FIBER OPTIC DISTRIBUTION BOX FDB-2-24A

C1-OPTION 1 This terminal box terminates up to 2 fiber optic cables, offers spaces for splitters and up to 48 fusions, allocates 24 SC

Aug 13, 2025

Introduction to the Function and Specifications of the Optical Fiber ...

The optical fiber distribution box has a wide range of functions, including the introduction, fixation, and stripping protection of optical

Jan 22, 2026

4 Must-Know Insights on fiber optic distribution box

what is a fiber optic distribution box, and types of fiber optic distribution boxes? What is the purpose of fiber optic

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Optical Distribution Box | Fiber distribution box

Fiber distribution box is made of high-strength engineering plastics, anti-UV, anti-aging ability. The

May 04, 2026

Datasheet Fiber Optic Box ORM 4

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

Jun 25, 2026

Fiber Terminal Box

Fiber Terminal Boxes GAO Tek's fiber terminal boxes are devices used in fiber optic networks to terminate and manage fiber optic

Feb 13, 2026

distribution boxes Mobile

Mobile floor distributor boxes on construction sites. Varied component fitting options, robust casing design and a design matched to fit the

Dec 01, 2025

Outdoor Fiber Optic Distribution Box Manufacturer

Fiber distribution terminal box mainly include fiber splice box, fiber splitter box, access terminal box for outdoor FTTH

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Fiber Distribution Box Datasheet | PDF | Optical Fiber

Sole Networks - Fiber Distribution Box Datasheet - Free download as PDF File (.pdf), Text File (.txt) or

Apr 19, 2026

10 Tips Help You to Know Everything About Fiber Distribution Box

The fiber Distribution box is a common product in FTTH and FTTB. It protects the connection point of the optical cable to access user

Oct 06, 2025

Optical Distribution Box ODB54

The Telegärtner ODB 54 wall distributor enables you to solve various installation demands with one product. Whether it will be used

Sep 07, 2025

How to Choose the Right Fiber Distribution Box for FTTH & PON

A fiber distribution box (FDB) is a passive enclosure that provides secure splicing, termination, and distribution of

## Contact Us

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