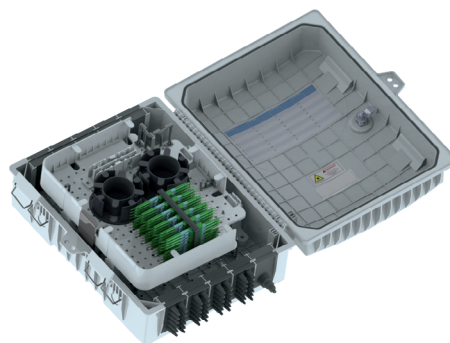# Optical Distribution Box, ODB-96

Features & Benefits

- Developed for indoor applications (FTTH)
- Indoor and outdoor applications (IP56 rated)
- Impact resistant plastic with two external latches
- Wall mount or pole mount options
- Top and bottom cable entry or bottom only cable entry
- User-configured rubber grommets for inputs and outputs
- For up to 24 SC Duplex or LC Quad adapters
- Side knockouts for connecting multiple enclosures
- Swing tray design for easy access to all components
- Splice trays, cable clamps and fiber managers in the base
- 216c can wrench lock with protective cap
- 2011/65/EU RoHS compliant and halogen free

Overview

The Optical Distribution Box ODB-96 is a robust outdoor-rated wall mount enclosure designed for FTTx networks in single dwelling, multi-dwelling and multi-tenant applications for up to 96 subscribers.

The ODB-96 features an internal swing tray that holds up to four PLC splitters and 24 SC Duplex or LC Quad adapters. Mechanical or fusion splices can be stored in up to four splice cassettes underneath the swing tray.

The ODB-96 can be ordered with top and bottom cable entry or bottom only cable entry. Rubber grommets are user-configured to secure input and output cables. It is easily mounted to a flat surface with four screws, accessible only when the cover is open. A pole mounting kit is also available.

Mechanical Data

Dimensions (W x H x D)	Weight	Input	Output
338 x 390 x 165 mm (13.3 x 15.4 x 6.5 in)	3.6 kg (8 lb)	2 rubber grommets (1 cable per grommet; 4 - 17 mm / 0.16 - 0.67 in diameter)	3 or 4 rubber grommets (12 cables per grommet; 2 - 7 mm / 0.08 - 0.27 in diameter)

Splitter capacity	Splice capacity	Material
2 each 1x32; 4 each 1x16; 4 each 1x8 PLC Splitters	3 each 24-fiber splice trays	UV resistant polycarbonate (RAL 7035 light gray)

Flammability	Water and dust resistance	Impact resistance
UL94V-0 for 3.0mm	IEC 60529 IP56	IEC 62262 IK08

Environmental Data

Operating temperature	Free of halogen	2011/65/EU RoHS
-40 to 65 °C (-40 to 149 °F)	Yes	Fully compliant

Optical Distribution Box, ODB-96

Ordering Information

Example   ODB96 | 2 | 1 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 1 | 6 | 3 | 2 |

        1   2   3   4   5   6   7

1 — Adapter Type

Empty = No accessories
20 = LC Quad Blue
21 = LC Quad Green
40 = SC Duplex Blue
41 = SC Duplex Green

2 — Adapter Quantity

Empty = No accessories
12 = 12 Adapter
24 = 24 Adapter

3 — Pigtail Type

Empty = No Pigtails
11 = LC UPC Pigtail
12 = LC APC Pigtail
31 = SC UPC Pigtail
32 = SC PAC Pigtail

4 — Pigtail Quantity

Empty = No Pigtails
12 = 12
24 = 24
48 = 48
96 = 96

5 — PLC Splitter Type

Empty = No Splitters
108 = 1x8 Splitter
116 = 1x16 Splitter
132 = 1x32 Splitter

6 — Splitter Quantity

Empty = No Splitters
1 = One
2 = Two
3 = Three
4 = Four
6 = Six

7 — Splice Protector/Product Color

1 = HS Splice Protector+Grey
2 = Crimp Splice Protector+Grey

Accessories

Part Number	Description
ODB-300-PMB	Pole Mount Brackets (set of 2 per ODB)
ODB-300-DIN	Brackets for DIN cassettes