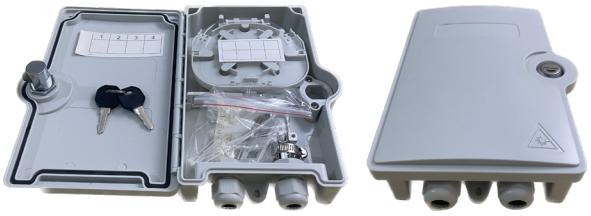
Optical Distribution Box, ODB-8

A BELDEN BRAND

Features & Benefits

- Wall mountable design
- Light and compact; made of high impact resistant plastic
- IP 55 rated
- Individual lock
- Usable with fusion splicing and field assembly connectors
- Can house SC and LC adapters and PLC splitters
- Built-in cable management elements to ensure optimum bend radius and fiber management



Overview

The PPC Optical Distribution Box 8 (ODB-8) is a light and compact wall mountable box for termination of up to four fibers. It is designed to serve as a building entry point for FTTH applications but is also a perfect choice for all types of FTTx applications. The optical distribution box provides versatility, enabling fusion splicing, direct termination or patching. It can house PLC splitters with 1:2, 1:4 or 1:8 splitting ratio.

Applications

- FTTH networks
- Telecoms networks

Mechanical Data

Dimensions (HxWxD)	Type of adapters
210 x 135 x 50 mm (8.27 x 5.31 x 1.97 in)	SC Simplex / LC Duplex

Adapter capacity	Splice tray capacity
4	8

Splitter capacity	Environmental protection rating
1:2, 1:4 or 1:8	IP 55

Termination method	Operating temperature
Fusion splice or field assembly connectors	-20 °C to 70 °C (-4 °F to 158 °F)

Cable entries	Weight
Gland type, 2 x 5-12 mm (0.2 - 0.47)	400 g (0.88 lb)

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Ordering Information

Example	ODB8	1 1	0 2	1 1	0 2	1 0 2	1	2
		1	2	3	4	5	6	7

1 Adapter Type

Empty = No accessories
10 = LC Duplex Blue
11 = LC Duplex Green
30 = SC Simplex Blue
31 = SC Simplex Green

2 Adapter Quantity

Empty = No accessories
01 = One Adapter
02 = Two Adapter
03 = Three Adapter
04 = Four Adapter

3 Pigtail Type

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

4 Pigtail Quantity

Empty = No Pigtails
02 = Two
04 = Four

5 PLC Splitter Type

Empty = No Splitters
102 = 1x2 Splitter
104 = 1X4 Splitter
108 = 1X8 Splitter

6 Splitter Quantity

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

7 Splice Protector/Product Color

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

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