Wall Mounted Enclosure, ODB Series 100A

Features & Benefits

- Compact UV resistant 94V-0 polycarbonate plastic
- Indoor and outdoor applications (IP55 rated)
- Impact resistant plastic with two external latches
- Wall mount or pole mount options
- Room for 10 mechanical or fusion splices and one splitter
- PG13.5 input port; 8 output ports (2mm to 7mm)
- One or two SC Duplex or LC Quad adapters
- Integrated splice tray and fiber management
- Door key lock with protective cap
- 2011/65/EU RoHS compliant and halogen free

Overview

PPC's Optical Distribution Box (ODB) Series 100A is a compact, robust, outdoor-rated wall mount enclosure designed for FTTx networks in single dwelling, multi-dwelling and multi-tenant applications for up to 8 subscribers.

The ODB 100A features an internal swing panel with a rear splice area for 10 mechanical or fusion splices, one PLC splitter, and excess fiber storage. The front face of the swing panel holds one or two SC duplex or LC quad adapters and provides fiber management for the output cables.

The ODB 100A can be securely mounted to a flat surface with 4 screws, accessible only when the cover is open. A pole mounting kit is also available.

Mechanical Data

Dimensions (W x H x D)	Weight
in (mm)	*pounds (kg)*
6.3 x 8.0 x 3.6 (160 x 204 x 92)	4.0 (1.8)

Input	Output
	mm
One PG13.5 gland	Two each 4 port rubber grommets (2 to 7 diameter)

Splitter capacity	Splice capacity	Material
1 PLC splitter	10 mechanical or fusion splices	UV resistant polycarbonate (RAL 7035, RAL 7016)

Environmental Data

Operating temperature	Water and dust resistance
°F (°C)	
-40 to 149 (-40 to 65)	IEC 60529 IP55

Impact resistance	Flammability
	mm
IEC 62262 IK08	UL94V-0 for 3.0

UV resistant	Free of halogen	2011/65/EU RoHS
yes	yes	Fully compliant

Ordering Information

Example   ODB1A | 2 S D A | - | 0 0 4 |
                          1   2

1	Adapter type	2	Port type
	1SDA = 1x SC/APC duplex		004 = 4 port 4 pigtails and adapters
	2SDA = 2x SC/APC duplex		008 = 8 port 8 pigtails and adapters
	1SDU = 1x SC/UPC duplex		104 = 4 port 1x4 PLC splitter
	2SDU = 2x SC/UPC duplex		204 = 4 port 2x4 PLC splitter
	1LQA = 1x LC/APC quad		108 = 8 port 1X8 PLC splitter
	2LQA = 2x LC/APC quad		208 = 8 port 2x8 PLC splitter
	1LQU = 1x LC/UPC quad		
	2LQU = 2x LC/UPC quad		

Note: all PLC splitters have pre-terminated output leads

Accessories

Description	Part Number
Pole Mount Brackets (set of 2 per ODB)	ODB-100-PMB