

ODB Series 100

Introduction

Opterna's Optical Distribution Box (ODB) Series 100 is a robust outdoor-rated enclosure designed for FTTH networks in single dwelling, multi-dwelling and multi-tenant applications, where it serves as a distribution box for up to 8 subscribers.

Available in two sizes, the ODB 100 features an internal swing panel with a rear splice area that accommodates PLC splitters, splices and excess fiber storage. The front face of the swing panel holds SC duplex or LC quad connector adaptors. The ODB 100 can be securely mounted to a surface with 4 screws, accessible only when the cover is open.



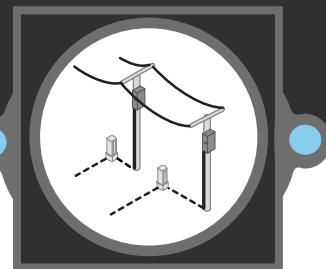
Features



Robust Outdoor-rated Enclosure

- Indoor and outdoor applications, IP 55 rated
- Compact and light, made of UV resistant polycarbonate
- Swing panel design for easy installation and maintenance
- Integrated holder for one PLC splitter
- Integrated splice tray and fiber management
- Distribution cables can be pre-terminated or spliced to pigtails
- Lock with protective cap
- Connectivity compliance: IEC 61754-4, IEC 61754-20, GR-326 CORE





ODB Series 100

Applications:

- FTTH networks serving single dwelling, multi-dwelling and multi-tenant buildings
- Wall, pole or pedestal mount

Specifications:

Parameter	Unit	1A enclosure	1B enclosure
Dimensions (HxWxD)	in.	8.1 x 6.3 x 3.6	8.1 x 7.9 x 3.6
	mm	206 x 160 x 91	206 x 200 x 91
Input Cable ports	-	1 PG13.5 (5 to 9mm dia.)	2 PG16 (10 to 14mm dia.)
Output cable ports	-	8 (2 to 7mm dia.)	8 (2 to 7mm dia.)
Number of adapters	-	2 SC duplex or LC quad	4 SC duplex or LC quad
Splitter capacity	-	1	2
Splice capacity	-	10	12
Water and dust resistance	-	IEC 60529 (IPX5, IP5X)	
Impact resistance	-	IEC 62262 (IK08)	
Operating temperature	-	-20 to +65	
Color	-	RAL-7016 (Anthracite Grey)	

Ordering Info:

Enclosure	Type	Adapter Quantity		Adapter Type		Termination		Color
								AG
ODB1A	1A enclosure	0	none	0	none	0	none	
ODB1B	1B enclosure	1	one	SD	SC Duplex	A	APC	
		2	two	LQ	LC Quad	U	UPC	
		3	three					
		4	four					

Note: Maximum of 2 Adapters in 1A enclosure.

Splitters, pigtails and additional splice trays are sold separately. Contact Opterna for details.

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