

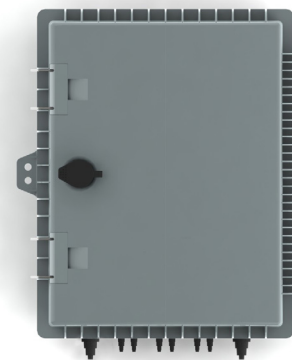
# ODB-300

## Optical Distribution Box



### Features & Benefits

- UV resistant 94V-0 polycarbonate plastic
- 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
- Up to 16 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) Series 300 is a robust outdoor-rated wall mount enclosure designed for FTTx networks in single dwelling, multi-dwelling and multi-tenant applications for up to 64 subscribers.

The ODB Series 300 features an internal swing tray that holds up to four PLC splitters and 16 SC duplex or LC quad adaptors. Mechanical or fusion splices are contained in three splice trays in the base. Excess fiber length is stored in the fiber routers in the base, and in two fiber storage spools in the Swing Tray.

The ODB Series 300 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 4 screws, accessible only when the cover is open. A pole mounting kit is also available.

### Technical Data

#### Product Specifications

Specification	Value
Dimensions	13.3 in (338mm) x 15.4 in (390mm) x 6.5 in (165mm) W x H x D
Weight	8 pounds (3.6 kg)
Input	2 rubber grommets (1 cable per grommet; 4 - 17mm diameter)
Output	3 rubber grommets (12 cables per grommet; 2 - 7mm diameter)
Splitter capacity	2 each 1x32; 4 each 1x16; 4 each 1x8 PLC Splitters
Splice capacity	2 each 1x32 or 1x16; 4 each 1x8 or 1x4 or 1x2 PLC Splitters
Material	UV resistant polycarbonate (RAL 7035 Light Gray)
Flammability	UL94V-0 for 3.0mm
Water and dust resistance	IEC 60529 IP56
Impact resistance	IEC 62262 IK08

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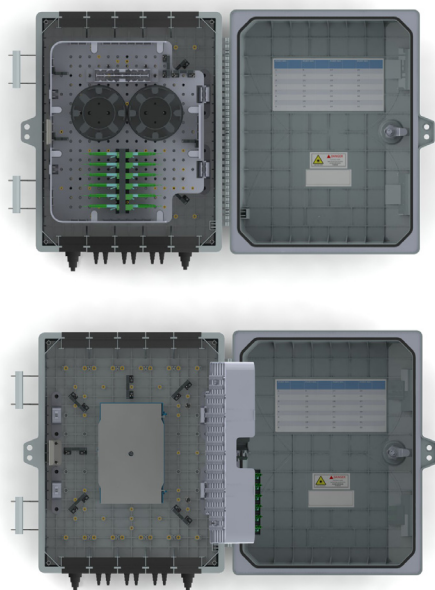
## Technical Data

### Environmental Specification

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

## Ordering Information - Code Builder

Example	ODB3A	16SA	-	132
Character		1		2



#### 1. Adapter type

6SA = 6x SC-APC duplex  
 8SA = 8x SC-APC duplex  
 12SA = 12x SC-APC duplex  
 16SA = 16x SC-APC duplex  
 6SU = 6x SC-UPC duplex  
 8SU = 8x SC-UPC duplex  
 12SU = 12x SC-UPC duplex  
 16SU = 16x SC-UPC duplex  
 6LA = 6x LC-APC quad  
 8LA = 8x LC-APC quad  
 12LA = 12x LC-APC quad  
 16LA = 16x LC-APC quad  
 6LU = 6x LC-UPC quad  
 8LU = 8x LC-UPC quad  
 12LU = 12x LC-UPC quad  
 16LU = 16x LC-UPC quad  
 12DX = 12 Duplex Frame  
 16DX = 16 Duplex Frame

Specify **ODB3B** to request a Bottom-Entry ODB-300.

**ODB300-PMB**: Pole Mount Brackets (set of 2 per ODB).

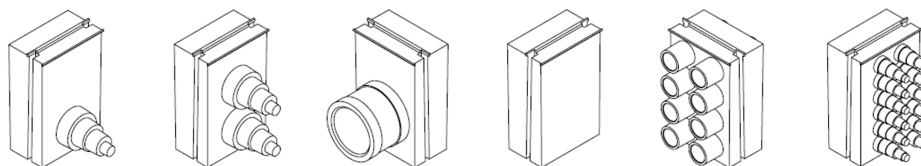
#### 2. Port type

12 = 12 port 12 pigtails and adapters  
 16 = 16 port 16 pigtails and adapters  
 24 = 24 port 24 pigtails and adapters  
 32 = 32 port 32 pigtails and adapters  
 48 = 48 port 48 pigtails and adapters  
 64 = 64 port 64 pigtails and adapters  
 108 = 8 port 1x8 PLC splitter  
 4X102 = 8 port 4x(1x2) PLC splitters  
 2X104 = 8 port 2x(1x4) PLC splitters  
 116 = 16 port 1x16 PLC splitter  
 4X104 = 16 port 4x(1x4) PLC splitters  
 2X108 = 16 port 2x(1x8) PLC splitters  
 3X108 = 24 port 3x(1x8) PLC splitters  
 132 = 32 port 1x32 PLC splitter  
 4X108 = 32 port 4x(1x8) PLC splitters  
 2X116 = 32 port 2x(1x16) PLC splitters  
 164 = 64 port 1x64 PLC splitter  
 2X132 = 64 port 2x(1x32) PLC splitters

(PLC splitters are connectorized)

Standard Configuration: 2x Single F1, 3x 12port F2, 5x Blank Grommets.

Part Number	Description	Part Number	Description
ODB300-F1SINGLE	SINGLE F1 GROMMET (2 PER PK)	ODB300-BLANK	BLANK GROMMET (2 PER PK)
ODB300-F1DUAL	DUAL F1 GROMMET (2 PER PK)	ODB300-8PORT	8PORT F2 GROMMET (2 PER PK)
ODB300-F1CON1	1-INCH CONDUIT (2 PER PK)	ODB300-12PORT	12PORT F2 GROMMET (2 PER PK)



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