

## Technical Specification Pre-connectorized Fiber Optic Cable Distribution Box

### MCR ODB-4DY & -1 & -2



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# MCR GROUP, INC.

## 1. General

### 1.1 Description

Pre-connectorized optical distribution box as the most advanced FTTX network distribution node equipment, provide quick and reliable connection, good protection and management for the FTTX network.

Production type	Classification
MCR ODB-4DY & -1 & -2	Outdoor pre connected optical cable terminal box



MCR ODB-4DY



MCR ODB-4DY-1



MCR ODB-4DY-2

### 1.2 Standards Comply

manufactured and tested according to the standards as follows:

IEC61300-2	Fiber optic interconnecting devices and passive components - Basic test and measurement procedures
IEC60068-2	Basic environmental testing procedures for electric and electronic products

### 1.3 Applications Environment

Item	Value
Operation temperature	-40 °C~+65 °C
Installation temperature	-5 °C~+40 °C
Storage temperature	-40°C~+65 °C
Atmospheric pressure	70~106Kpa
Relative humidity	≤93%(+40°C)

## 2. Characteristics

- 2.1. The bottom shell and the upper cover are fixed with screws, removable.
- 2.2. Material: PP+GF.
- 2.3. Moisture proof, waterproof, dust-proof, anti-aging.
- 2.4. Protection level up to IP68.
- 2.5. The interior is equipped with 1x4 PLC splitter.....
- 2.6. Installation method: pole-mounted, aerial-mounted, wall-mounted.

## 3. Specifications

### 3.1 Mechanical specifications

Item	Specifications	Remark
Material of housing	Modified PP plastic	
Material of internal components	PC+ABS/ABS	
Material of metal accessory	High-quality stainless steel	
External dimension(mm)	198*101*70mm	
Color	Black	
Installation hole position(mm)	186*88	
Number of Pre-connectorized adaptors	5	MCR ODB-4DY(1 red,4 black)
	4	MCR ODB-4DY-1(4 black)
	4	MCR ODB-4DY-2(4 black)
Splitter	1x4 PLC splitter	MCR ODB-4DY
		MCR ODB-4DY-1
		MCR ODB-4DY-2
IP grade	IP68	
Flammability	UL94-HB	It can be customized according to needs.
Neutral salt spray test (NSS)	48h	

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**If you need more information, please contact us!**