

Technical Specification
Pre-connectorized Fiber Optic Cable Distribution Box
MCR ODB-18BYK



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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-18BYK	Pre-connectorized fiber optic cable distribution box



Appearance of MCR ODB-18BYK

1.2 Standards Comply

The production offered by FTTXTECH are designed, manufactured and tested according to the standards as follows:

ITU-T G.652	Characteristics of a single-mode optical fibre
IEC 60794-1-1	Optical fibre cables-part 1-1: Generic specification-General
IEC 60794-1-2	Optical fibre cables-part 1-2: Generic specification-Basic optical cable test procedure

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)

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2. Characteristics

- 2.1. The bottom shell and the upper cover are fixed with screws, removable.
- 2.2. Material: PP.
- 2.3. Moisture proof, waterproof, dust-proof, anti-aging.
- 2.4. Protection level up to IP68.
- 2.5. The interior is equipped with 1x2 FBT splitter+ 1x16 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 or PC+ABS	
Material of metal accessory	High-quality stainless steel	
External dimension (mm)	199*193*107mm	
Color	Black	
Installation hole position (mm)	180*182	
Number of Pre-connectorized adaptors	18	
Splitter	1x2 FBT splitter+ 1x16 PLC splitter	
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!