

Technical Specification

Pre-connectorized Fiber Optic Cable Distribution Box

MCR ODB-8A-X



MCR GROUP, INC.

Contents

- 1. General.....3
 - 1.1 Description.....3
 - 1.2 Standards Comply.....3
 - 1.3 Applications Environment.....3
- 2. Characteristics.....4
- 3. Specifications.....4
 - 3.1 Mechanical specifications.....4
- 4. Configuration..... 错误!未定义书签。
 - 4.1 Main optical parameters 错误!未定义书签。
- 6. Environmental characteristics.....4
- 9.Package..... 错误!未定义书签。

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-8A-X	Pre-connectorized fiber optic cable distribution box



Appearance of MCR ODB-8A-X

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)

2. Characteristics

- 2.1. Advanced structure design, easy operation and reasonable routing.
- 2.2. Material: PP or PC+ABS.
- 2.3. Moisture proof, waterproof, dust-proof, anti-aging.
- 2.4. Protection level up to IP65.
- 2.5. 3 silicone plugs for incoming and outgoing cables and 8 pre connected adapters.
- 2.6. Installation method: pole-mounted, aerial-mounted, wall-mounted.

3. Specifications

3.1 Mechanical specifications

Item	Specifications	Remark
External dimension(mm)	281.4*177*108.8(A*B*C)	
Installation hole position(mm)	265*133/52.128.6 (D*E/F*G)	
Color	Black	
Size and quantity of optical cable hole	3 silicone plugs for incoming and outgoing cables and 8 pre connected adapters	
Capacity(Max)	36 cores	
Into the largest cable diameter (mm)	∅8~14	
IP protection level	IP65	
Flammability	HB(Conventional)	It can be customized according to needs.
Neutral salt spray test (NSS)	48 h	

5. Environmental characteristics

This product complies with the RoHS environmental protection directive, and the content of lead, cadmium, mercury, hexavalent chromium, polybrominated biphenyl (PBB) and polybrominated diphenyl ether (PBDE) does not exceed the limit.

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If you need more information, please contact us!