

Technical Specification

Pre-connectorized Fiber Optic Cable Distribution Box

MCR ODB-8SX



MCR GROUP, INC.

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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-8SX	Pre-connectorized fiber optic cable distribution box



Appearance of MCR ODB-8SX

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	-15 °C~+40 °C
Storage temperature	-45 °C~+75 °C
Atmospheric pressure	≤85% (+30°C)
Relative humidity	70KPa~106Kpa

3. Specifications

3.1 Mechanical specifications

Item	Specifications
Material of housing	PC+ABS
Material of internal components	PC+ABS/ABS
Material of metal accessory	High-quality stainless steel
External dimension(mm)	319.3*200*97.5 (A*B*C)
Installation hole position(mm)	52*166*166 (DxExF)
Color	PANTONE 428C
Size and quantity of optical cable hole	1 oval optical cable entry, 2 branch optical cable entries and 8 pre-connected adapters
Fusion capacity(Max)	48
	64
	96
	96
	108
Micro PLC Splitter	1x2
	1x4
	1x8
	1*16
Fiber cable diameter of the uncut pass through port(mm)	Φ8~Φ18
Fiber cable dimension of branch cable port (mm)	Φ16
IP protection level	IP65
Flammability	HB
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!