

Technical Specification

Pre-connectorized Fiber Optic Cable Distribution Box

MCR ODB-8K/8K-1



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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-8K/8K-1	Pre-connectorized fiber optic cable distribution box



Pic.1 MCR ODB-8K/8K-1

1.2 Standards Comply

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

IEC 62134-1-2002	Fiber optic enclosures - Part 1: Generic specification
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	-15 °C~+40 °C
Storage temperature	-45 °C~+75 °C
Relative humidity	≤85% (+30°C)
Atmospheric pressure	70KPa~106Kpa

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Item	Specifications
Material of housing	PP+GF
Material of internal components	PC+ABS/ABS
Material of metal accessory	High-quality stainless steel
External dimension(mm)	270*218*102 mm
Color	Black
Number of pass through cable port	/
	1
Number of round cable port	1
Fiber cable diameter of the port(mm)	Φ8~Φ14
Number of Pre-connectorized ports	8
	9
Fusion capacity(Max)	48
	64
	96
Micro PLC Splitter	1x2
	1x4
	1x8
	1*16
IP grade	IP68
	IP65
Flammability	UL-94HB
Neutral salt spray test (NSS)	48h

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!