

IP68 Outdoor Pre-connectorized 12 FO Fiber Access Terminal NAP Box

- For FTTx Solution



Brief Overview

This kind of 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. It allows the passage of low or medium density cable and rapid distribution through its pre-connectorized output ports, which considerably saves time and operating costs.

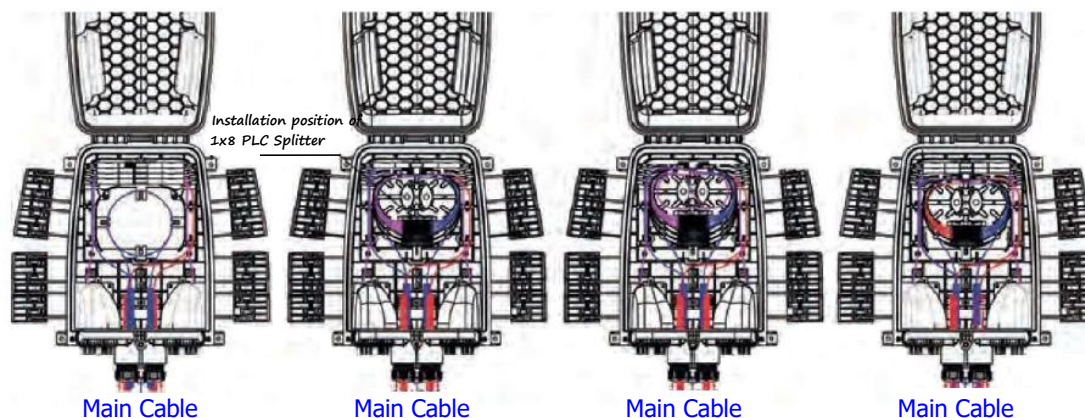
Keyed Characteristics

- Advanced structure design, easy operation and reasonable routing;
- Material: PP or PC+ABS;
- Moisture proof, waterproof, dust-proof, anti-aging;
- Protection level up to IP68;
- 1 oval optical cable entry, 2 branch optical cable entries and 16 pre-connected adapters;
- 2 type splice trays optional, max up to 96 cores splicing fiber;
- Installation method: pole-mounted, aerial-mounted, wall-mounted;
- It can be equipped with drop cable storage tray to meet the storage of 50 meters 5mm round cable.

Specification

Item	Specifications	Remark
External dimension (mm)	378*255*136 (A*B*C)	/
Installation hole position (mm)	215*266*239 (D*E*F)	/
Color	Black	Customizable
Size and quantity of optical cable hole	1 oval optical cable entry, 2 branch optical cable entries and 16 pre-connected adapters	/
Capacity(Max)	4 type A(48 cores) or 8 type B (64 cores) melt fiber discs	It can be combined or selected
Into the largest cable diameter (mm)	∅15	/
Maximum size of branch hole (mm)	2*3 ~ Ø7	/
IP protection level	IP68	/
Flammability	HB (Conventional)	can be customized according to requirements
Neutral salt spray test (NSS)	48 h	

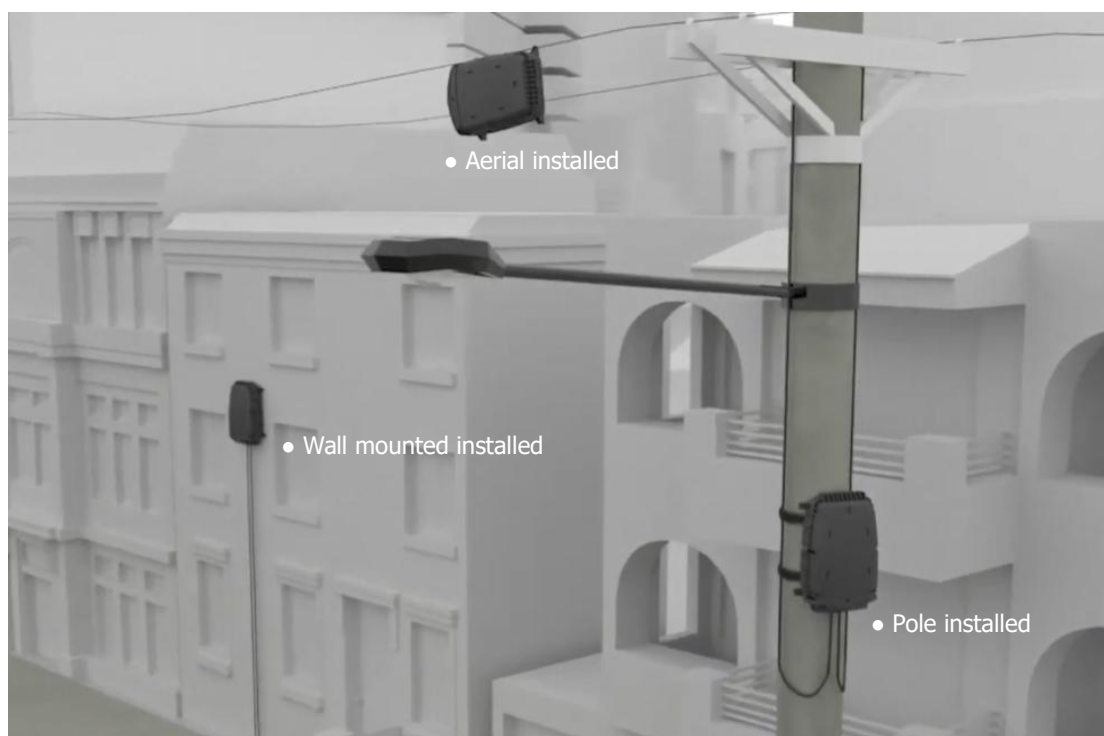
Routing diagram



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.

Installation Methods



Splicing Tray

Item	Splicing tray A	Splicing tray B	Splitter tray A-1
Dimensions(H*W*D, mm)	134*104*8	134*104*4	134*104*8
Net weight (kg)	0.021	0.015	0.021
Picture			
Color	RAL7035	RAL7035	RAL7035
Material	PC+ABS	PC+ABS	PC+ABS
Splicing capacity of a tray(cores)	12 (2 layers of heat shrinkable protective sleeve)	8 (1 layer of heat shrinkable protective sleeve)	6 (2 layers of heat shrinkable protective sleeve)
Splitter capacity of a tray(PCS)	1 (PLC 1X2, 1X4, 1X8, 0.9mm fiber,60x7x4mm)	/	1 (PLC 1X16, 0.9mm fiber,60x12x4mm)
Maximum(PCS)	3	6	3
Default(PCS)	3	/	/
Note: 1. The above trays can be mixed according to requirements. 2.Configuration rules: 1A=2B=2C=1D=1E 3.The types of fiber discs are increasing continuously			

Item	Splicing tray C	Splicing tray D	Splicing tray E	Splicing tray E-1
Dimensions (H*W*D, mm)	136 * 104 * 4	136 * 104 * 8	135 *125*8	135 *125*8
Net weight (kg)	0.018	0.024	0.033	0.033
Picture				
Color	RAL7035	RAL7035	RAL7035	RAL7035
Material	PC+ABS	PC+ABS	PC+ABS	PC+ABS
Splicing capacity of a tray (Cores)	12 (1 layer of heat shrinkable protective sleeve)	24 (2 layers of heat shrinkable protection sleeve)	24 (2 layers of heat shrinkable protection sleeve)	18 (2 layers of heat shrinkable protection sleeve)
Splitter capacity of a tray (PCS)	/	/	1 (PLC 1X2, 1X4, 1X8, 0.9mm fiber,60x7x4mm)	1 (PLC 1X16, 0.9mm fiber,60x12x4mm)
Maximum (PCS)	6	3	3	3
Default (PCS)	/	/	/	/
Note: 1. The above trays can be mixed according to requirements. 3.Configuration rules: 1A=2B=2C=1D=1E				

3.The types of fiber discs are increasing continuously

Accessories

No.	Part name	Reference picture	Unit	Quantity	Remark
1	Users'manual	/	PCS	1	EN
2	Splitter test report	/	PCS	1	EN
3	Key		PCS	1	"D" type
4	Heat-shrinkable protection sleeve		PCS	16	L=45mm,Optional as customer's request
5	Nylon cable tie		PCS	10	3x100mm
6	Bare fiber protection tube		PCS	1	OD5mm x 50cm
7	Wall-mounted kit		Set	1	Optional as customer's request.
8	Hoop		PCS	2	φ13-19mm
9	Optical cable entrance sealing plug		PCS	2	
10	Brach cable sealing nut wrench		PCS	1	
11	M6 Allen key		PCS	1	M6
12	Pole-mounted kit-A		Set	1	Optional as customer's request
13	Pole-mounted kit-B		Set	1	Optional as customer's request

14	Aerial-mounted kit		Set	1	Optional as customer's request
15	Drop cable storage tray		PCS	2	Optional as customer's request

Pre-connected Factory Assembly Connector A

Pre-connected Connector A - See Fig.4

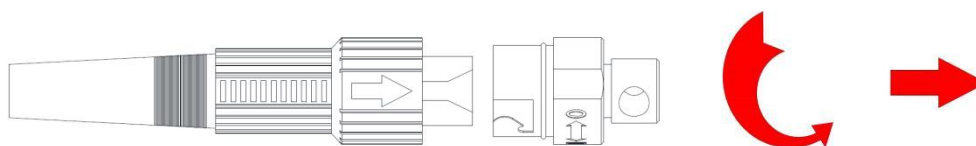


Fig.4

Turn the arrow part of the fiber connector counterclockwise and pull out the dust cap. The arrow part of the fiber connector is up, insert the fiber connector into the socket, and then turn the arrow part clockwise. See Fig.5.

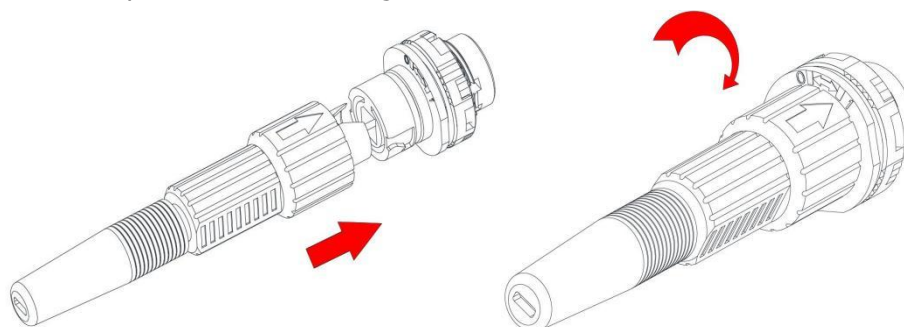


Fig.5

Pre-connected Field Assembly Connector B

Rotate the pre-connected plug counterclockwise, and open the pre-connected plug and dust cover in the direction of the arrow, see Fig.6.

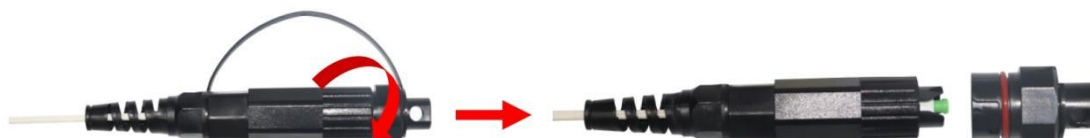


Fig.6

Connect the pre-connected B plug and the pre-connected B adapter in the direction of the arrow and turn the plug clockwise to fix it, see Fig.7.



Fig.7

Completely installation on Pre-connected Connector B, see Fig.8.



Fig.8

Package

1PC in a bubble bag, 420*350mm;

1PC in a small carton, 385*260*125mm, gross weight is 3kg;

10PCS in a big corrugated carton, 540*405*655 mm, gross weight is 31kg.