

# FDP420F In-line Closure

## FDP-420F Serial Fiber Distribution Box

FDP420F is a subscriber optical fiber access box that is used to build at the first layer in the FTTH networks. It is designed for in-line application to provide a protected access point between the feeder cable the distribution cable. This product can keep internal components away from outdoor environmental damage. Its flexible configuration supports 3 cable in and 3 cable out. 900um pigtail type optical splitter could be built-in and provide mid-span function. IP65 performance is useful in harsh environment. The FDP420F series are suitable for the application on LCP in the distributed split PON architecture.

### Features

- In-line application and easy to installation
- Outdoor application and good UV resistant
- Numerous splice applications as mid-span, branch or direct splice
- Support micro-splitter with splicing type
- 1x2, 1x4, 1x8 splitter (900um pigtail type) could be configured inside
- High strength material with good weather fastness(PP+GF), flame retardant
- Support ADSS cable and self-support fiber cable
- Protection grade: IP65
- Customer's LOGO or other information could be print on the surface

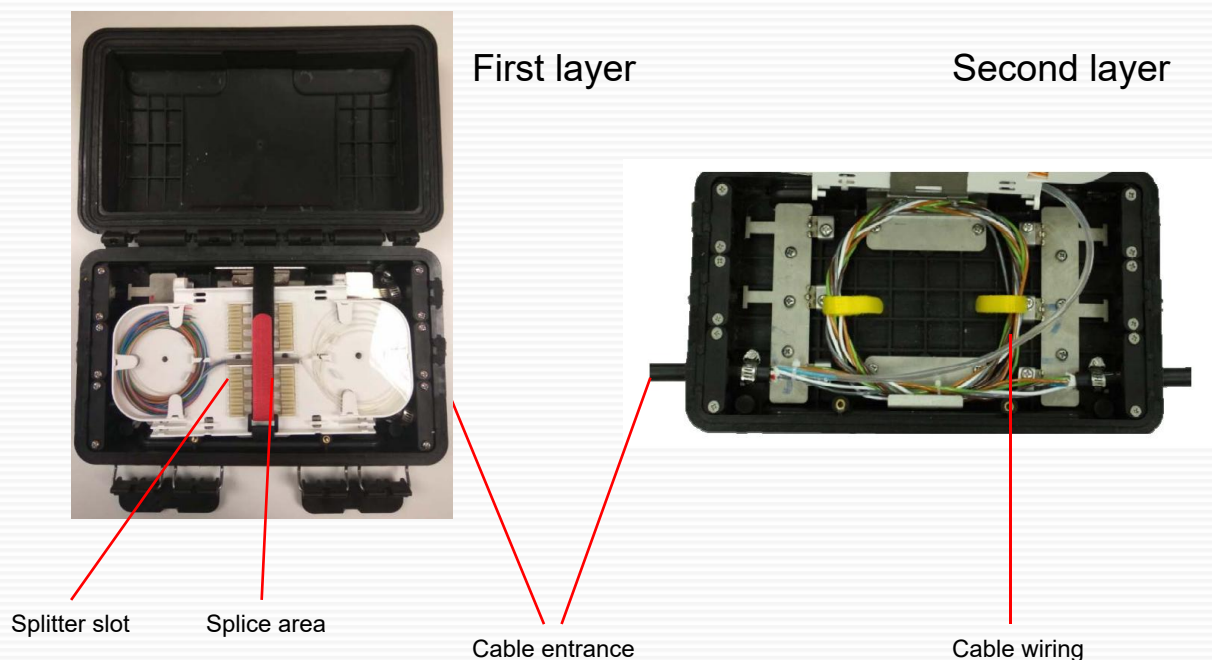
### Specification



Item	Parameter
Weight	1.4~1.6 kg
Dimension	288x178x110mm
Cable Entrance ports	6
Distribution Cable	Φ7~Φ17.5
Splice capacity	Maximum 96F
Splitter type	900um pigtail type splitter
Number of splitter	6 slots for splitter(1:2, 1:4, 1:8)
Protection level	IP65
Color	Black
Operating Temperature	-25~+75°C
Relative humidity	5%~95%
Atmospheric pressure	62kpa~106kpa

# FDP420D In-line Closure

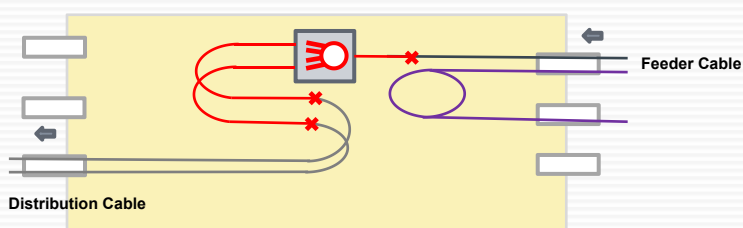
## Product Detail



## Cable route

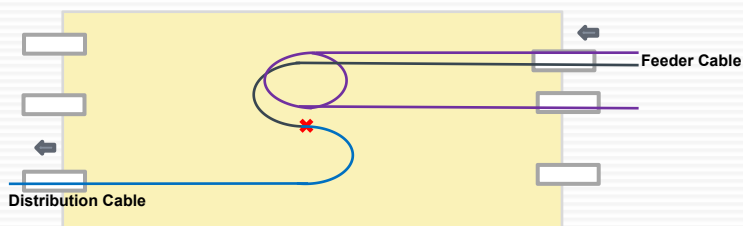
FDP420F is designed to support 900um pigtail splitter, as straight joint closure and branch joint closure.

### Type 1 box splitter through



For 900um pigtail splitter type box, the feeder fiber is spliced to the input fiber of the splitter and the distribution fiber is spliced to the output fiber of splitter.

### Type 2 straight joint closure and branch joint closure



FDP420F is as straight joint closure and branch joint closure.

# FDP420D In-line Closure

## Accessory

No.	Item Description	Unit	Quantity	Remarks
1	Protection tube for naked fiber	meter	2	EVA
2	PVC tape	rolls	1	RoHS
3	Spiral hose	meter	1	
4	Transparent Strapping tape(Cable tie)	pcs	16	3*120mm
5	The sealing block	pcs	4	
6	Heat shrinkable protection sleeve	pcs	96	1.5*60
7	Desiccant	pcs	1	In the carton box.
8	Clean paper	pcs	1	
9	Certificate of conformity	pcs	1	
10	Instruction manual	pcs	1	
11	Small Hose clamps	pcs	2	Φ10-Φ16
12	Big Hose clamps	pcs	2	Φ16-Φ25
13	Hanging pendant	sets	2	
14	Waterproof mortar	set	4	