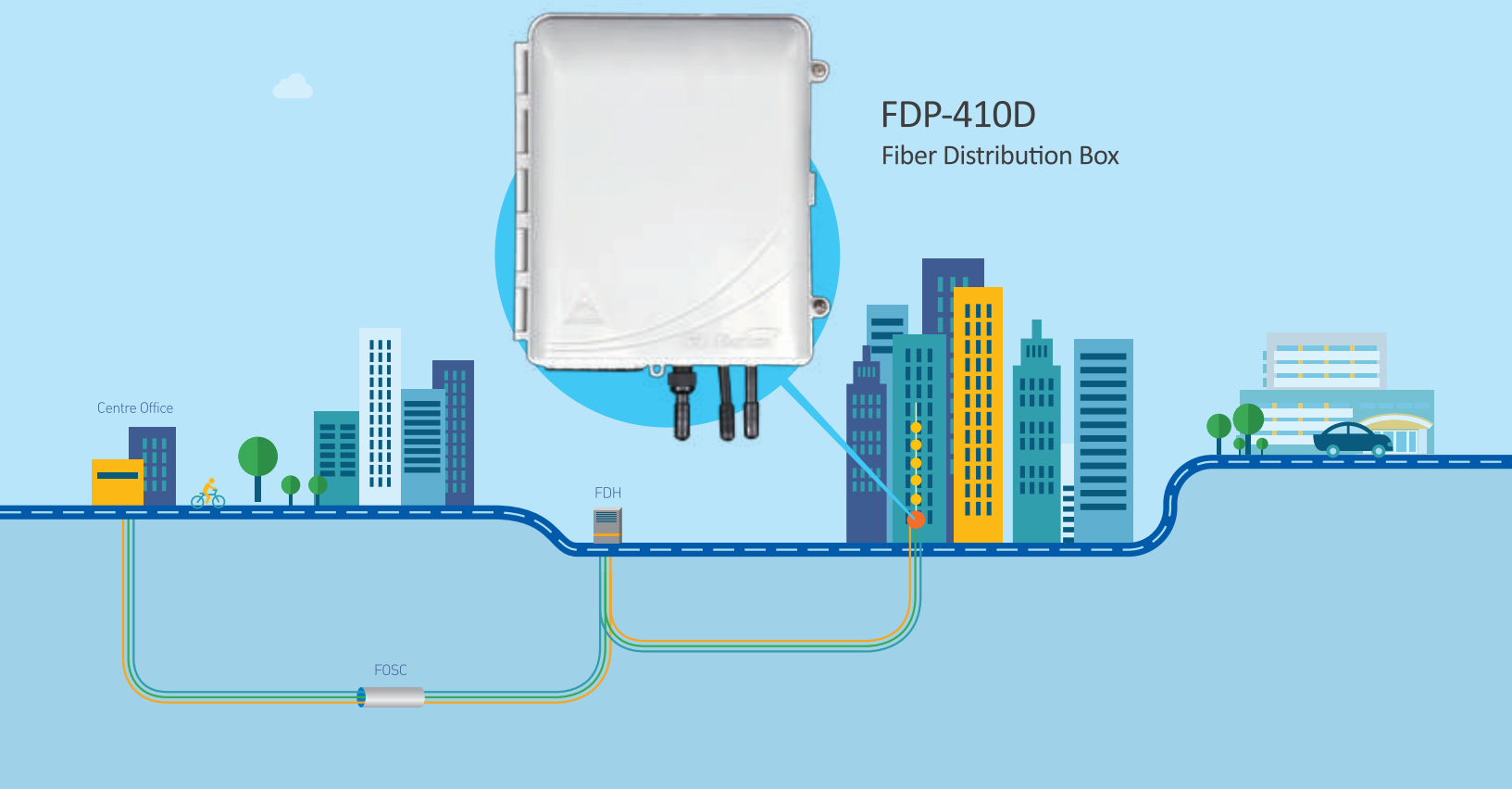


Fiber Distribution Box

FDP-410D

24-subscriber Optical Fiber Access Box

FDP-410D is a 24-subscriber optical fiber distribution box. It provides a protected access point between the distribution cable and drop cable. To simplify network installation and maintenance, FiberHome FDP box provides an ideal connection point. Its flexible configuration supports 4 kinds of cable routes. Both 900um pigtail type and LGX type optical splitter could be equipped. Pass-through cable ports provide mid-span function. IP65 is necessary in harsh environment, even with limited space.



FDP-410D
Fiber Distribution Box

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FiberHome



1. Features

- Wall or pole mounting, indoor or outdoor application
- Distribution cable enter from top and bottom
- Neat fiber management and good protection
- Protection grade: IP65
- Support mid-span and branching function
- 1x4, 1x8 and 1x16 splitter (900um pigtail type and cassette type) could be configured inside
- High strength material with good weather adaptability, flame retardant



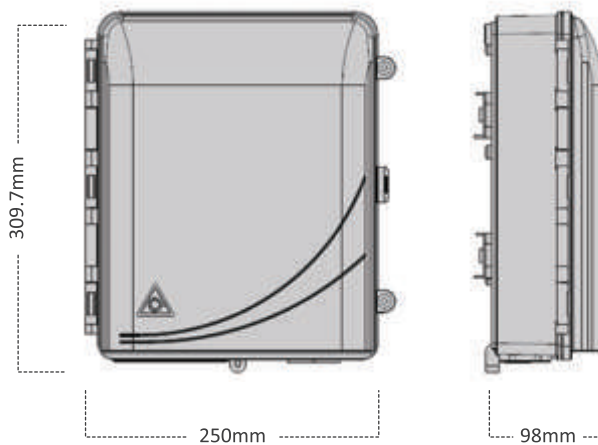
2. Application

FDP-410D series are suitable for the application both on LCP and NAP in the distributed split PON architecture

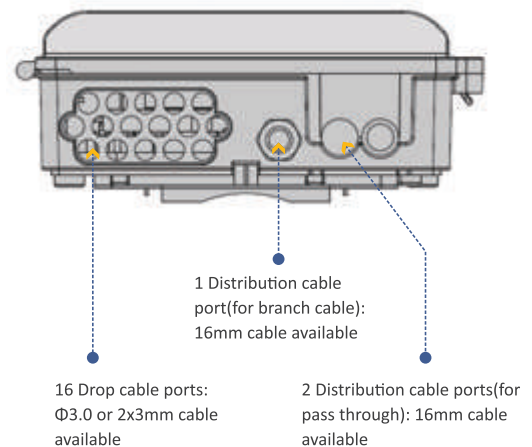


3. Specification

● Box size



● Bottom of FDP-410D



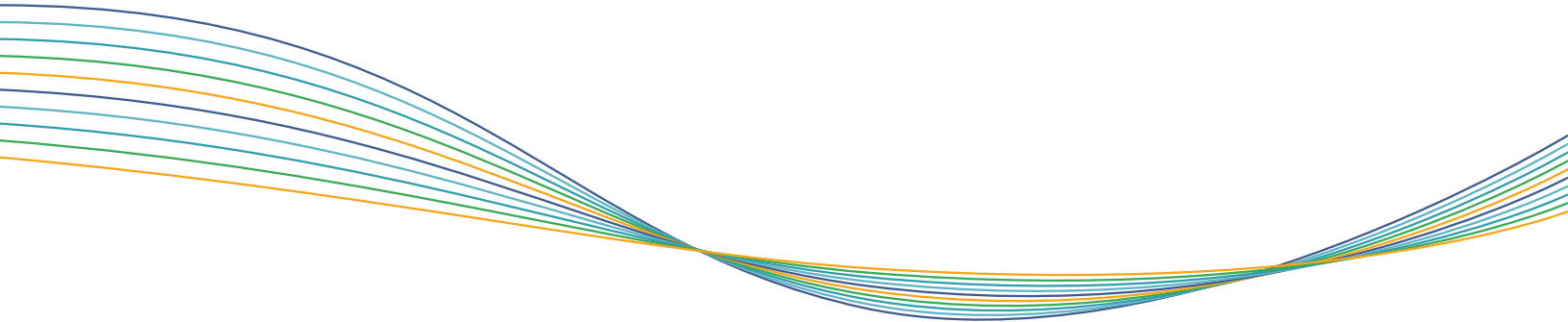
Technical Specification

R4 and R5 splice tray are designed to support different splitter type.

Tray type	Splitter type	Number of splitter	Splice capacity	SC adapter capacity
R4	900um pigtail type splitter	1x8: 3pcs and 1x16 1pcs or 1x8: 4pcs	24F	16pcs
R5	LGX splitter	2 pcs 1x8: or 1 pcs 1x16	24F	/



Item	Specification
Weight	1.6~1.9kg
Splice capacity	24F
SC adapter capacity	24 pcs
Protection level	IP65
Color	Grey
Operating temperature(℃)	-40~+65





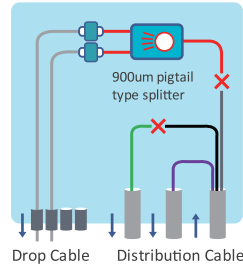
4. Cable Route

1

Type

Box splitter/patch through

Splicing Trays:R4



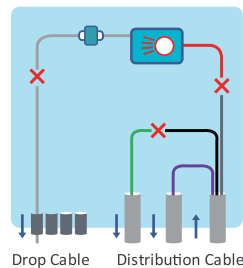
For 900um pigtail splitter type box, the distribution fiber is spliced to the input pigtail of the splitter and connect with pre-connected drop cable (or terminated with field assembly connector).

2

Type

Box splitter/patch through with connected pigtail

Splicing Trays:R4



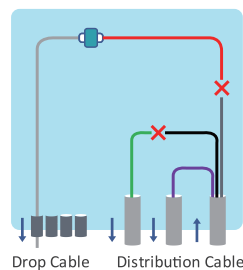
Moreover, 900um pigtail splitter type box has enough space for pigtail storage. SC connector pigtail is spliced to drop cable and connected to output of splitter with adapter.

3

Type

Box patch through

Splicing Trays:R4



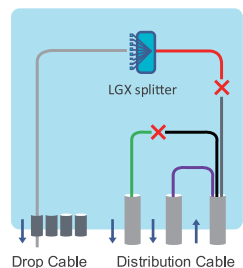
Without splitter, distribution fiber could be fusion spliced with pigtail. Pre-connected drop cable or drop cable terminated with field assembly SC connector connect to pigtail through adapter. Moreover, drop cable could be also splice to pigtail without adapter.

4

Type

Box LGX splitter/patch through

Splicing Trays:R5



For LGX splitter type box, distribution fiber is spliced to the input pigtail of the splitter. The splitter is connected to pre-connected drop cable (or terminated with field assembly connector).