FDP-420E In-line Closure

FiberHome

FDP-420E Series Fiber Distribution Box

FDP-420E is a subscriber optical fiber access box that is used to build the FTTH network. It is designed for in-line application to provide a protected access point between the distribution cable and drop cable. This product can keep internal components away from outdoor environmental damage. Its flexible configuration supports 3 cable in and 3 cable out. Cassette type optical splitter could be built-in. Good performance is useful in harsh environment.
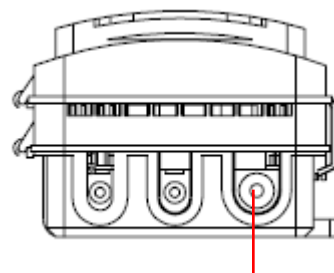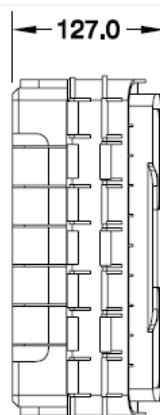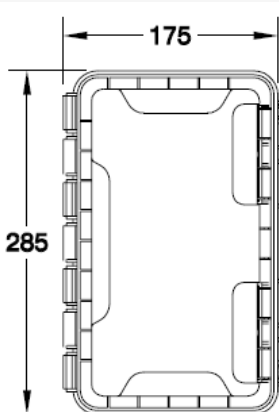
Features

- Support hanging wire and pole installation
- Outdoor application and good UV resistant
- Double side drop cable outlet. Drop cable can lead in at both sides, easy to deploy
- Cassette splitter for easy expansion
- 3 layer structure and easy to maintain
- High strength material with good weather adaptability
- Support ADSS cable and self-support fiber cable
- Separate area for distribution cable and drop cable, easy for expansion and service provisioning
- Protection grade: IP65

Application

- The FDP-420E series is suitable for the application on NAP in the distributed split PON architecture.
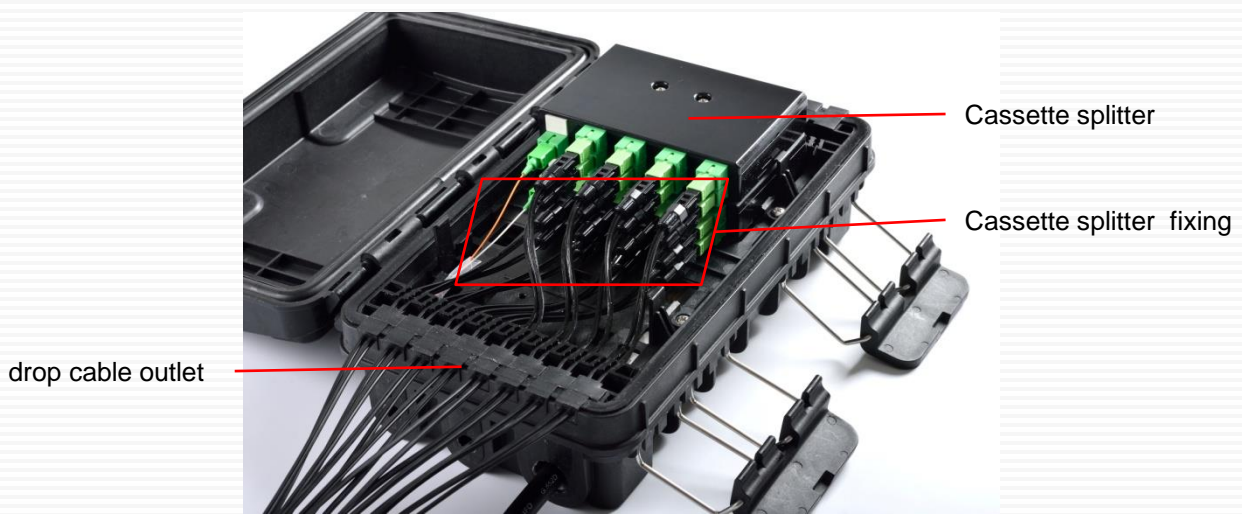
Specification

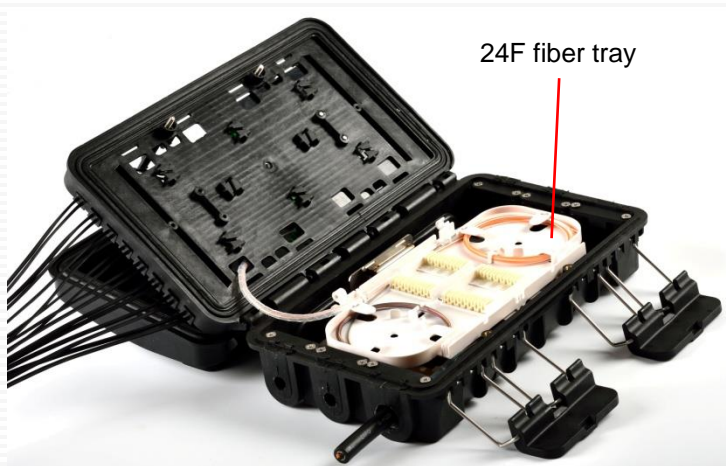6 Distribution cable ports (three in three out): Φ8mm~ Φ 20mm

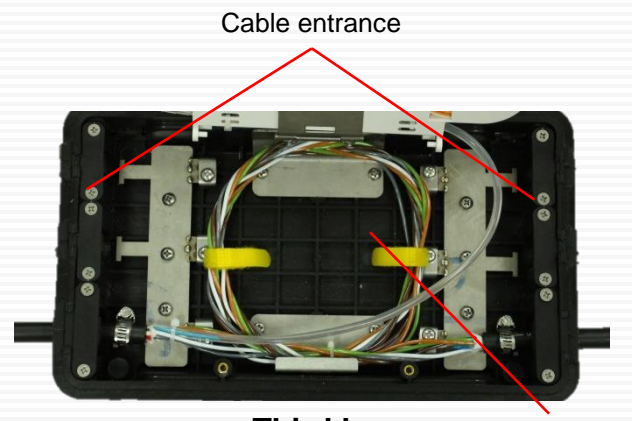| Item	Parameter
Dimension（mm）	175x285x127
Splice capacity	Maximum 24F
Splitter type	Special Cassette Splitter
Number of splitter	Max. 2x1:8 or 1x1:16
Color	Black
Operating Temperature（℃）	-40~+65

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Product Detail

Cassette splitter

Cassette splitter fixing

drop cable outlet

First layer

24F fiber tray

Second layer

Cable entrance

Third layer Cable wiring
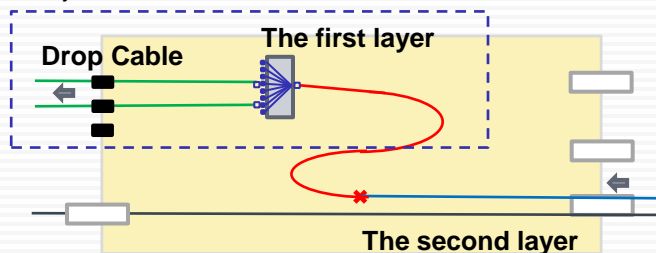
Cable route

FDP-420E is designed to support cassette splitter, used as straight joint closure and branch joint closure.

The first layer

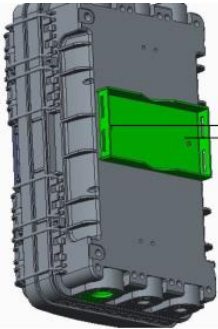**Drop Cable**

The second layer

Distribution Cable

For Special cassette splitter, the distribution fiber is spliced to the input fiber of the splitter and the drop cable is connected to the output of splitter.

cassette splitter	Adapter	Connector
Drop Cable	Distribution Cable	Splice point

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Accessory

Metal Plate with Stainless nut

Function: Support pole installation

Hanging pendant

Function: Hanging cable

Nylon Cable tie

Function: Fixing loose tubes in cables

Fiber protecting tube

Function: Protecting bare fiber

Splice Protective Sleeve

Function: Splicing fiber protection

Hose clamp

Function: Fasten cable

Waterproof mortar

Function: Waterproof of cable holes

Rolling protecting tube

Function: Managing fibers and cable tubes

Clean paper

Function: Cleaning

The sealing block

Function: Help to seal the cables

Black Insulation Tape

Function: Fixing cables and fibers