

# FDP-430A Fiber Distribution Terminal

## FDP-430A Series Fiber Distribution Terminal

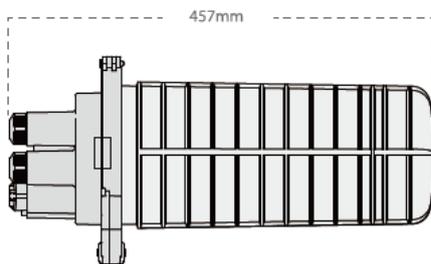
FDP-430A is a subscriber optical fiber access terminal that is used to build FTTH network. It is designed to install in burial or duct environment which can keep internal components away from outdoor environmental damage and provide a protected access point between the distribution cable and drop cable. The distribution fiber is spliced to the input of the optical splitter. The splitter outputs are terminated to connect with drop cable. The FDP-430A series are suitable for the application on NAP in the distributed split PON architecture.

### Features

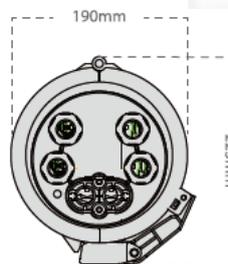
- Burial or duct application
- High-strength modified polypropylene material
- Easy for re-entry and re-open
- Apply to wall-mounted, hole-mounted and man-hole installation
- Protection grade: IP68



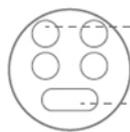
### Specification



Box size



Bottom of FDP-430A



- Round ports for cable
- Φ8~Φ17.5mm x1
- Φ2.0x3.1mm x8
- Φ5-7mm x4
- Oval port for uncut cable(mid-span)
- Φ10~ Φ17.5mm

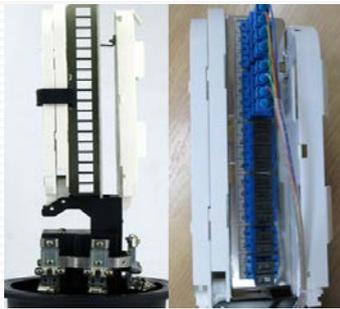
Item	Specification
Dimension(mm)	Φ230×457
Splice tray	No.07 splice tray(Single fiber capacity: Max 24F)
Number of splice tray	1~2 pcs
Splice capacity	24F~48F
Splitter capacity	1x4 or 1x8 or 1x16 micro splitter
Termination capacity	20-36 pcs of SC adapter
Color	Black
Operating Temperature (°C)	-40~+65

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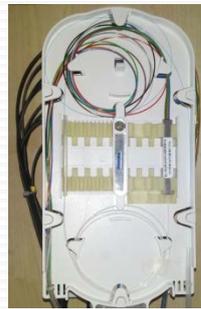
## Product Detail



Cable port



Adapter panel



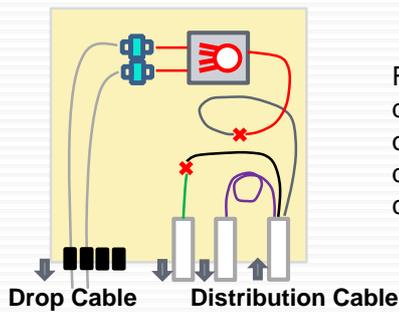
Splitter configured inside



Loose tube storage tray

## Cable route

### 900um pigtail type splitter:FDP-430A-XX-S



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).



\* FDP-430A mainly support  $\Phi 8\sim\Phi 17.5\text{mm}$  distribution cable and  $\Phi 2.0\times 3.1\text{mm}$  drop cable and also  $\Phi 5\sim 7\text{mm}$  duct drop cable . Different size of blocks can support cable type changing.

## The sealing block



sealing plug

$\Phi 12\text{mm}-\Phi 17.5\text{mm} \times 1$



sealing plug

$2.0 \times 3.1\text{mm} \times 8$



sealing plug

$\Phi 10\text{mm}-\Phi 17.5\text{mm} \times 2$



sealing plug

$\Phi 8\text{mm}-\Phi 12\text{mm} \times 1$



sealing plug

$\Phi 5\text{mm}-\Phi 7\text{mm} \times 4$

# FDP-430A Fiber Distribution Terminal

## Accessory



**Nylon Cable tie**  
Function: Fixing loose tubes in cables



**Fiber protecting tube**  
Function: Protecting bare fiber



**Splice Protective Sleeve**  
Function: Splicing fiber protection



**Grease oil**  
Function: Help to lubricate the cables



**Black Insulation Tape**  
Function: Fixing cables and fibers



**Clean paper**  
Function: Cleaning



**Allen key**  
Function: Unscrew the screws



**Expansion bolt**  
Function: Duct installation



**Blocks**  
Function: Seal the unused ports



**The sealing block**  
Function: Help to seal the cables



**Pole mounting accessory**  
Function: Pole mounting