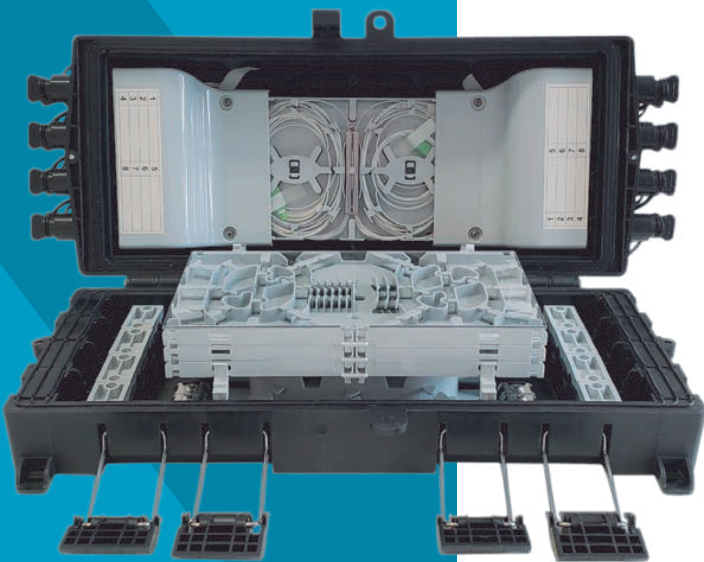# ARTIC

ONECLICK

PASSING DISTRIBUTION BOX 16 PORT HARD CONNECT 8 PORTS STD CABLES

AR-DB16P-HC-A

DESCRIPTION

The equipment is used as a NAP (Network Access Point) to connect fiber optics from metropolitan network to the splitters located inside the box. It can also be used as a termination point for the feeder cable to connect with drop cable in FTTx communication network system. The fiber splicing, splitting, and distribution can be done in this box, and meanwhile it provides solid protection and management for de FTTx network building.

FEATURES

1 Total enclosed structure.
2 Material: PP, wet-proof, water-proof, dust-proof, anti-aging, protection level up to IP65.
3 Clamping for feeder cable and drop cable, fiber splicing, fixation, storage, distribution...etc. All in one.
4 Cable, pigtails, and patch cords are running through their own paths without disturbing each other, micro type PLC splitter installation, easy maintenance.
5 Distribution panel can be flipped up, feeder cable can be placed by expression port, easy for maintenance and installation.
**6** Box can be installed by the way of wall-mounted or poled-mounted, suitable for both indoor and outdoor use.

SPECIFICATION

1 Environmental requirement
Working temperature: -40℃～+85℃
Relative humidity: ≤85% (+30℃)
Atmospheric pressure: 70KPa~106Kpa
2 Main technical datasheet
Insertion loss: ≤0.15dB
UPC return loss: ≥50dB
APC return loss: ≥60dB
3 Thunder-proof technical datasheet
The insulation resistance between the grounding device and the metal parts of the box is no less than 2410×MΩ/500V (DC); IR≥2410×MΩ/500V.
The voltage resistance between the grounding device, and the box and its metal parts is no less than 3000V (DC)/min, no puncture, no flashover; U≥3000V.

CONFIGURATION TABLE
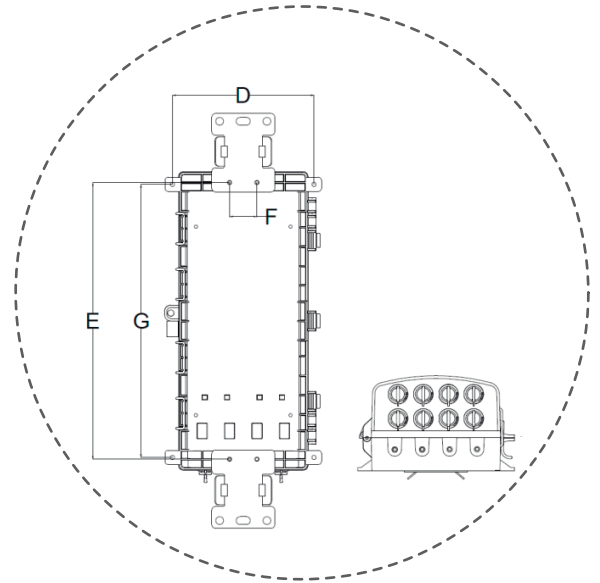
Table 1 Model and configuration

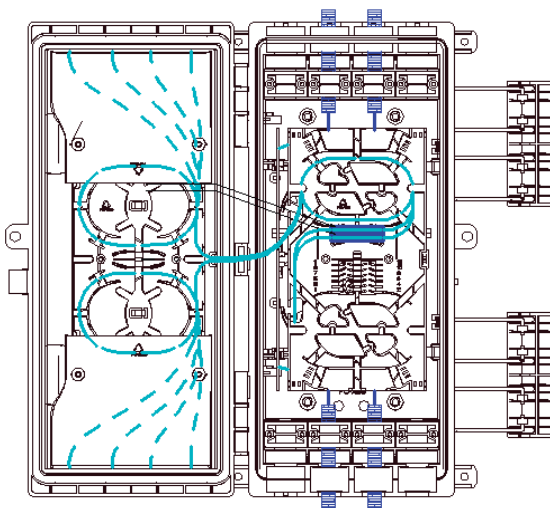| Model	Description	Size (Pic 1) A*B*C	Max Capacity	Installation Size (Pic 2)		Into the largest cable diameter (mm)
				D*E	F*G	
AR-DB16P-HC-A	Splitter Box	380*198.5*121	16 (SC/APC)	180*352	35*348	10
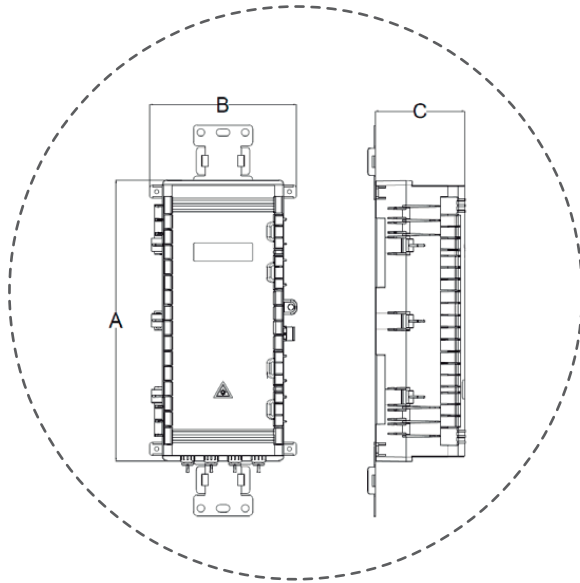
PIC 1 BOX SIZE

PIC 2 INSTALLATION SIZE

PRODUCT CABLE WAYS

PIC.3 AR-DB16P-HC-A CABLE WAYS

AR-DB16P-HC-A

## PIC.3 AR-DB16P-HC-A CABLE WAYS

PLC
MAIN CABLE
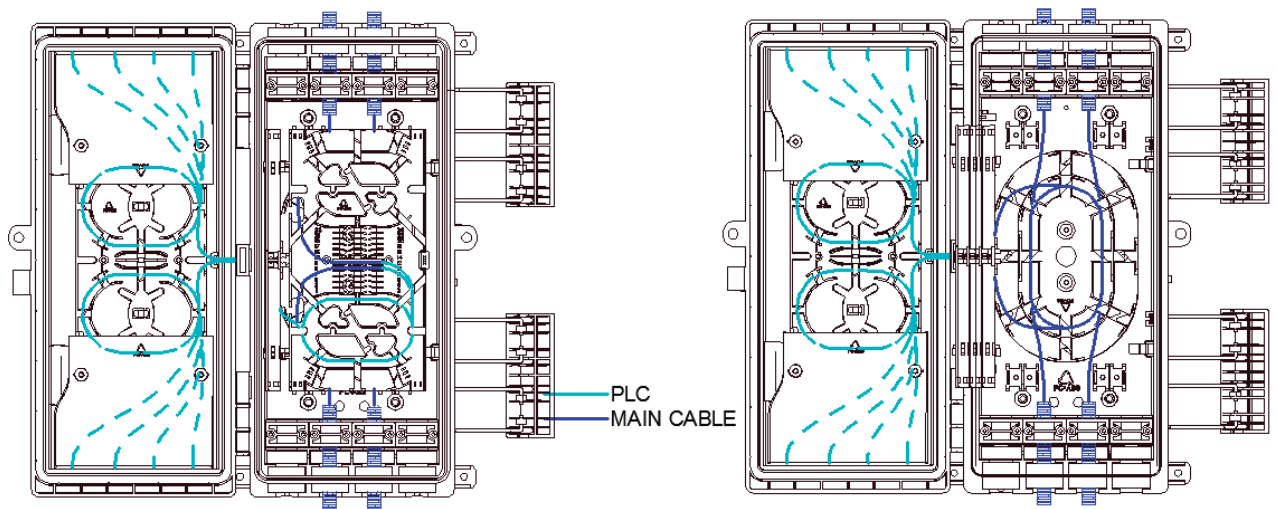
INSTALLATION

1 Wall-mounted installation
Drill 4 holes into the wall based on the size in table 1, place the expansion bolt Φ7.5*40, place the box to match up the holes and use bolt to fasten. (Pic 4)

2 Pole-mounted installation
Fix 1 set of the pole ring to the telecom pole (Pic 5)

EXPANSION BOLT

WALL

PIC 4 WALL MOUNTED INSTALLATION

EASY POLE RING (OPTION)

TELECOM POLE
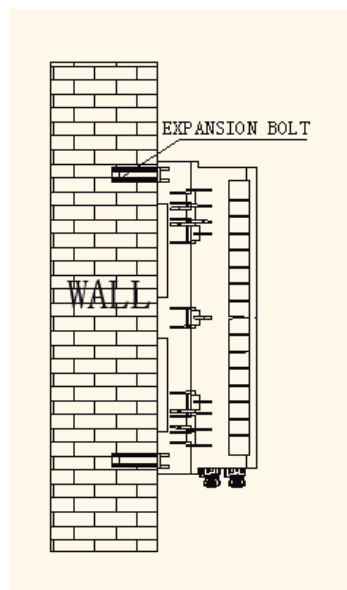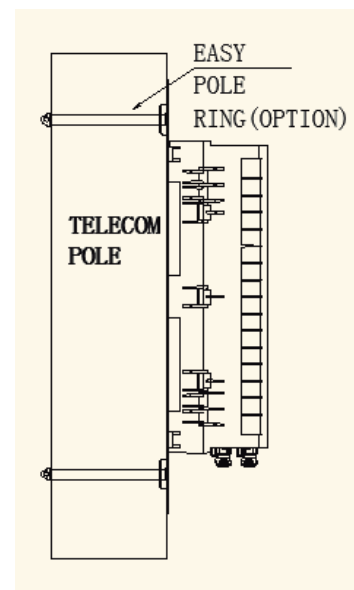
PIC 5 POLE MOUNTED INSTALLATION

FIBER CONNECTOR INSTALLATION

PIC 6 REMOVE THE FIBER CONNECTOR CAP AND REMOVE THE CERAMIC FERRULE CAP.

PIC7 INSERT AND PULL OUT THE FIBER CONNECTOR

ACCESSORIES

1 1.Users' Manual*1.
2 Key*1.
3 Accessories Bag*1.
4 Pole Ring*2 (Option).