ONECLICK

FIBER OPTIC DISTRIBUTION BOX

AR-DB-CDO-10P-HC

1. DESCRIPTION

The equipment is used as an intermediate distribution point or a termination point for the feeder cable to connect with a drop cable in FTTx communication network system. The fiber splicing, splitting, and distribution can be done in this box by customer's requirement at the factory. This is a sealed unit and meanwhile it provides solid protection and management for the FTTx network building.

2. FEATURES

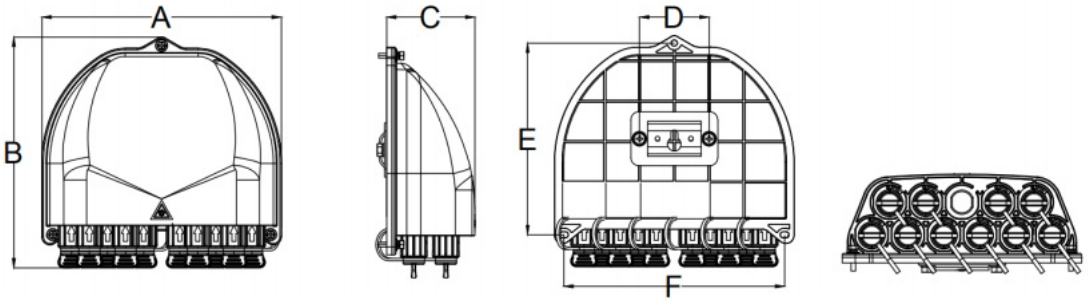
1. Totally enclosed structure.
2. Material: PP, moisture proof, waterproof, dust-proof, anti-aging, protection level IP68. 3. Clamping, splicing, fixation, storage and distribution of feeder cable and drop cable are integrated.
4. The interior is equipped with 1x2 FTB splitter (unbalanced or balanced) +1x8 PLC splitter or just 1x8 PLC splitter and the bottom cover is welded by ultrasonic welding, which is non-detachable.
5. The box body can be wall mounted or derrick mounted, suitable for indoor and outdoor use.

3. SPECIFICATION

1. Environmental requirement
Working temperature: -40℃～+85℃
Relative humidity: ≤85% (+30℃)
Atmospheric pressure: 70KPa~106Kpa
2. Main technical datasheet
Insertion loss: ≤0.3dB
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 2×10^4 MΩ/500V (DC); IR≥2×10^4MΩ/500V.

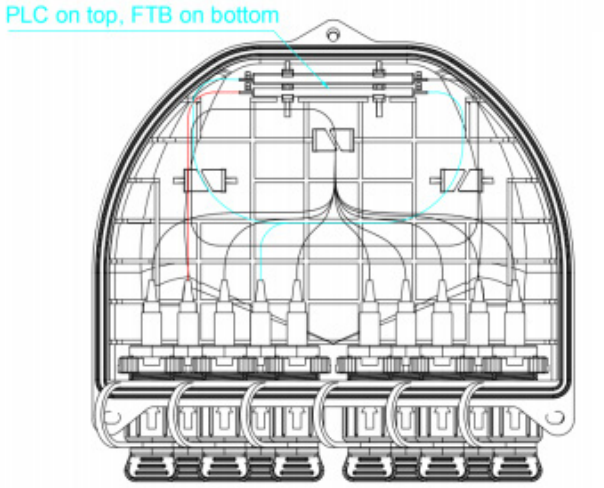
4. CONFIGURATION TABLE

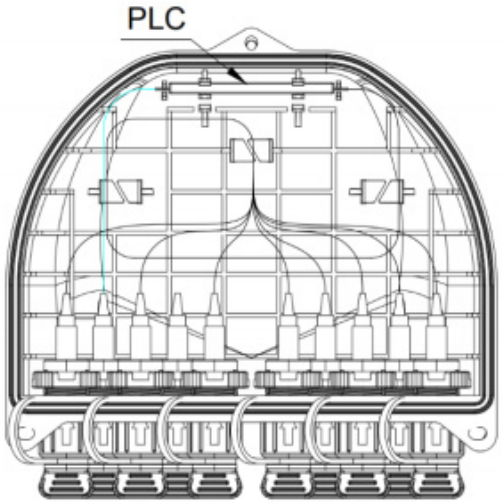
MODEL	Size (Pic) A*B*C	Max Capacity	Installation Size (Pic 2) D/E*F	Name
AR-DB-CDO10P-HC	179*171*66	1*8 PLC Splitter	52/142*165	CDO-S2-CT
AR-DB-CDO10P-HC-70/30 -1R-1B-8BL	179*171*66	1*2 FBT + 1*8 PLC Splitter	52/142*165	CDO-CI-70/30
AR-DB-CDO10P-HC-R1-B	179*171*66	1*2 FBT or PLC + 1*8 PLC Splitter	52/142*165	CDO-R1B



Pic 1 Box Size **Pic 2 Installation Size**

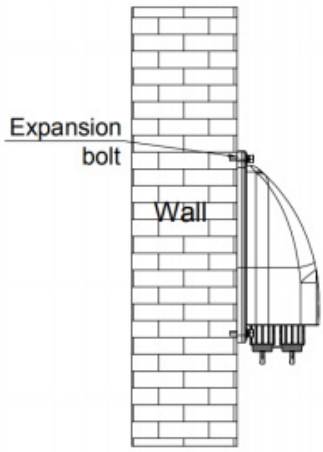
5. PRODUCT CABLE WAYS



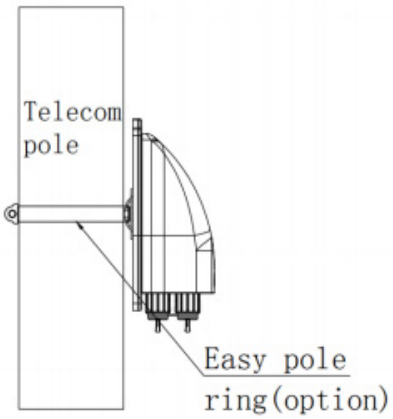


6. INSTALLATION

1. Wall-mounted installation
Drill 3 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 5)
2. Pole-mounted installation
Fix 1 set of the pole ring to the telecom pole (Pic 6)



Pic 5 Wall mounted installation



Pic 6 Pole mounted installation

7. FIBER CONNECTOR INSTALLATION

Pic 7 Remove the fiber connector cap and remove the ceramic ferrule cap

Pic 8 Insert and Pull out the fiber connector

8. ACCESSORIES

1. Users' Manual*1
2. Pole Ring*1 (Option)