FIBER OPTIC DISTRIBUTION BOX FASTCONNECT COMPATIBLE

AR-DB-CDO-10P-FC

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

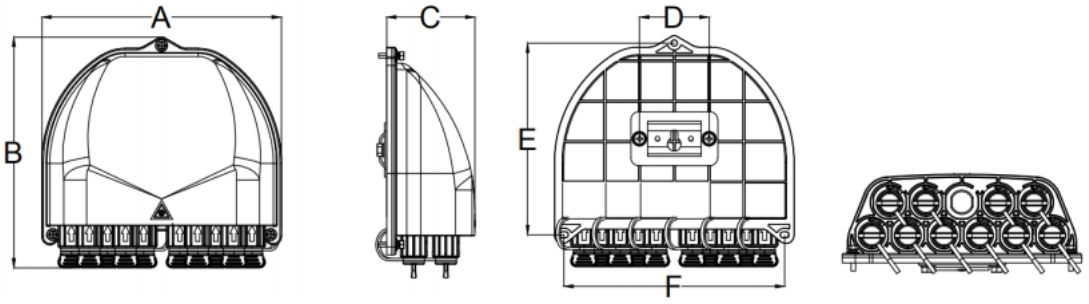
1. Totally enclosed structure.
2. Material: PC+ABS, moisture proof, waterproof, dust-proof, anti-aging, protection level
IP68.
3. Clamping, splicing, fixation, storage and distribution of feeder cable and drop cable are integrated.
4. The interior is equipped with 1 * 2 FTB + 1 * 8 PLC Splitter, and the bottom cover is welded by ultrasonic welding, which is not 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 2x10*4 MΩ/500V (DC); IR≥2 x 10*4 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

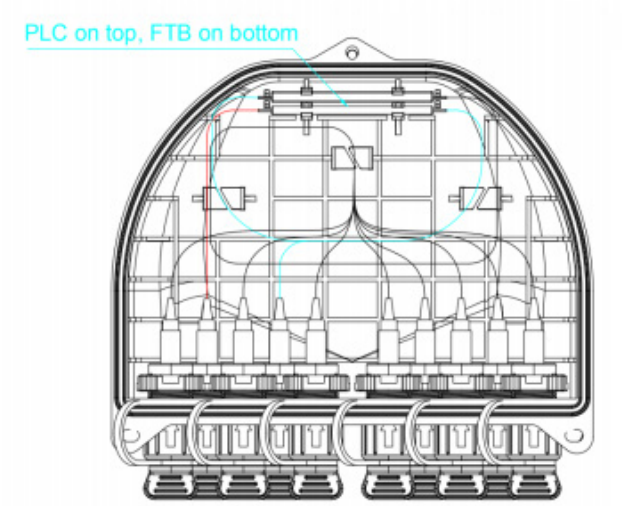
4. CONFIGURATION TABLE

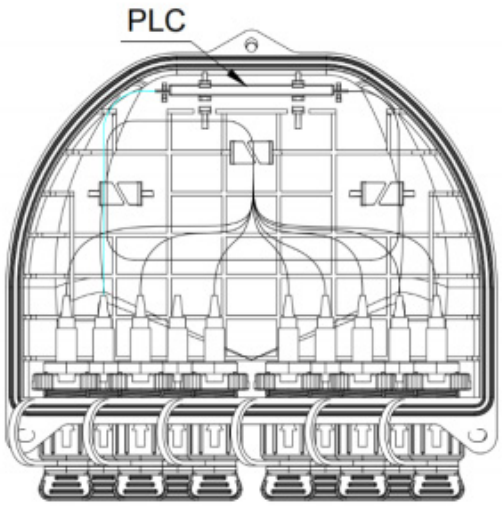
MODEL	Size (Pic) A*B*C	Max Capacity	Installation Size (Pic 2) D/E*F	Name
AR-DB-CDO-10P-FC	179*171*66	1*8 PLC Splitter	52/142*165	CDO-S2-CT
AR-DB-CDO-10P-FC-70/30	179*171*66	1*2 FBT + 1*8 PLC Splitter	52/142*165	CDO-CI-70/30
AR-DB-CDO-10P-FC-50/50	179*171*66	1*2 FBT or PLC + 1*8 PLC Splitter	52/142*165	CDO-R1B



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

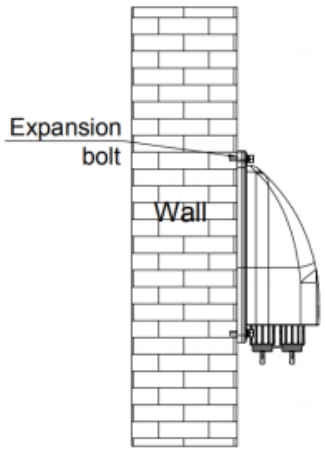
5. PRODUCT CABLE WAYS



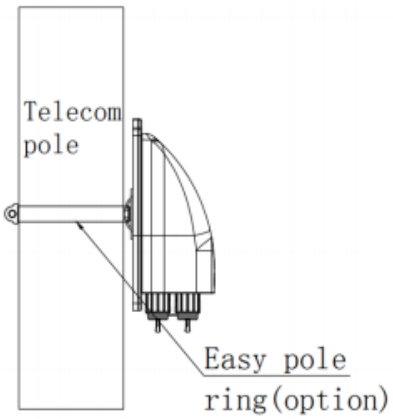


6. INSTALLATION

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