



INDOOR-OUTDOOR DISTRIBUTION - TERMINAL BOX

AR-IDB-8P

FEATURES

- 1** Total enclosed structure.
- 2** Clamping for feeder cable and drop cable, fiber splicing, fixation, storage, distribution...etc all in one.
- 3** Cable, pigtails, patch cords are running through own path without disturbing each other, cassette type SC adaptor installation, easy maintenance.
- 4** Distribution panel can be flipped up, feeder cable can be placed in a cup-joint way, easy for maintenance and installation.
- 5** Cabinet can be installed by the way of wall-mounted or poled-mounted, suitable for both indoor and outdoor uses.
- 6** Water-proof design with IP-65 protection level for outdoor. Integrated with 2 x splice trays and 8 x shutter type adapters.
- 7** Fiber bend radius control more than 35mm.
- 8** 2 x inlets for uncut cable with maximum diameter 12mm.
- 9** 2 x covers structure to provide a better protection and neat cabling, unauthorized tampering is prevented.
- 10** Each splice tray accommodates 8 x sleeves(60x1.0mm) and 2 x splitters(1:2,1:4 or 1:8).
- 11** Made by industrial PC+ABS plastic with UL94-V0 fire retardant feature, life span at least 20 years.
- 12** 8 x outlets for 2x3mm flat type or 3-5mm round type drop cable.

SPECIFICATION

- 1** Environmental requirement.
Working temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$.
Relative humidity: $\leq 85\%$ ($+30^{\circ}\text{C}$).
Atmospheric pressure: $70\text{KPa} \sim 106\text{Kpa}$.
- 2.** Main technical datasheet.
Insertion loss: $\leq 0.2\text{dB}$.
UPC return loss: $\geq 50\text{dB}$.
APC return loss: $\geq 60\text{dB}$.
Life of insertion and extraction: > 1000 times.
- 3.** Thunder-proof technical datasheet.
The grounding device is isolated with the cabinet, isolation resistance is less than $2\text{ M}\Omega/500\text{V}$ (DC) ; $\text{IR} \geq 2\text{ M}\Omega/500\text{V}$.
The withstand voltage between grounding device and cabinet is no less than 3000V (DC) /min, no puncture, no flashover.
 $U \geq 3000\text{V}$.

CONFIGURATION TABLE

Material	Size	Max Capacity			Cable Entrance	Weight	Color
PC+ABS UL94-V0	A*B*C(mm) 236*126*50	SpliceTrays 2pcs x 8FO	FiberAdapters 8(SC) or 16(LC)	PLCSplitters 2pcs x 1:2,1:4 or 1:8	2 x Inlets (6-12mm) 8 x Outlets(3-5mm)	0.8kg	White

INSTALLATION

- 1 Wall-mounted installation.
Drill 4 holes over the wall based on the size in table 1, place the expansion bolt $\Phi 7.5 \times 40$, place the box to match up the holes and use bolt to fasten.
- 2 Pole-mounted installation.
Fix 1 set of the easy pole ring to the telecom pole.

ACCESSORIES

- 1 Accessories Bag * 1.
- 2 Easy pole ring*2, M6*20mm Bolt*2 (Option).