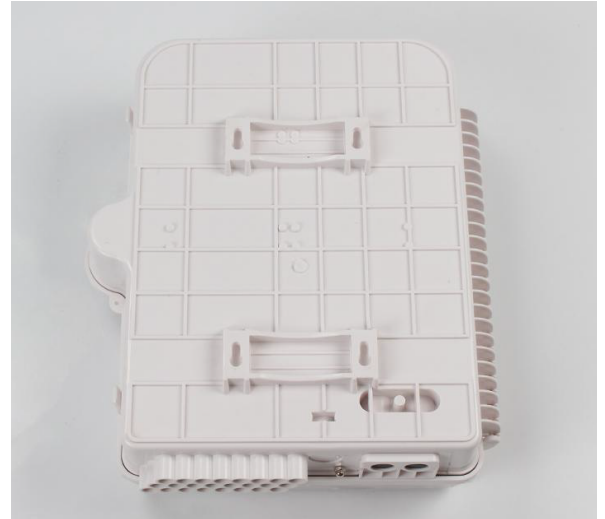## FIBER DISTRIBUTION BOX 24C
MODEL: BDN-CTO24F
COD: 32171

REFERENCE IMAGE

DESCRIPTIÓN

The equipment is used as a termination point for the feeder cable to connect with drop cable in FTTx communication network system. The fiber splicing, splitting, distribution can be done in this box, and meanwhile it provides solid protection and management for the FTTx network building.

FEATURES

- Total enclosed structure.
- Material: ABS, wet-proof、water-proof、dust-proof、anti-aging, protection level up to IP65。
- Clamping for feeder cable and drop cable, fiber splicing, fixation, storage, distribution...etc all in one.
- Cable, pigtails, patch cords are running through own path without disturbing each other, cassette type SC adaptor installation, easy maintenance.
- Distribution panel can be flipped up, feeder cable can be placed in a cup-joint way, easy for maintenance and installation.
- Cabinet can be installed by the way of wall-mounted or poled-mounted, suitable for both indoor and outdoor uses.

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SPECIFICATIONS

ENVIRONMENTAL REQUIREMENT	VALUE
Working temperature	-40°C～+85°C
Relative humidity	≤85%（+30°C）
Atmospheric pressure	70KPa～106Kpa

MAIN TECHNICAL	VALUE
Insertion loss	-40°C～+85°C
UPC return loss	≤85%（+30°C）
APC return loss	70KPa～106Kpa
Life of insertion and extraction	＞500 times

THUNDER-PROOF

The grounding device is isolated with the cabinet, isolation resistance is less than $2x10^4$MΩ/500V（DC）；IR≥$2x10^4$MΩ/500V

The withstand voltage between grounding device and cabinet is no less than 3000V（DC）/min, no puncture, no flashover；U≥3000V

OVERALL DIMENSION

Box size	Max Capacity		Installation Size
AxBxC (mm)	Splitter-A	Splitter-B	AxB (mm)
330*280*115	8	12	340*290

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PRODUCT CABLE WAYS

A: 1x16 PLC

B: 24 core

INSTALLATION

6.1 Wall-mounted installation
- Drill 4 holes over the wall based on the size in Fig.2, place the expansion bolt , place the box to match up the holes and use bolt to fasten.

6.2 Pole-mounted installatio
- Fix 1 set of the easy pole ring to the telecom pole.

WALL MOUNTED INSTALLATION

POLE MOUNTED INSTALLATION

APPLICABLE TO FTTH, FTTB, FTTX...

ACCESSORIES

No.	Description	Quantity	Remarks
1	Key	1	
2	Fiber Optic Heat Shrinkable tube	8	
3	Tie band	4	
4	Expansion screws	4	
5	Optical cable fixing ring	4	

Configuration can be customized as required.

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