

## NK-1608-8Y 8 Port Outdoor NAP Box IP67 With Mini SC Adapter

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### NK-1608-8Y

#### Description:

NAP Box is used as the termination point for the feeder cable to connect to the drop cable in the FTTx communication network system. Fiber splicing, splitter, and distribution can be done in this box, and meanwhile it provides protection for the FTTx network building.

#### Features:

- ✧ Total closed structure.
- ✧ Material: PC + ABS, moisture-proof, waterproof, dust-proof, anti-aging, protection level up to IP65.
- ✧ The CTO has a clamp to hold the input cable, it contains splice trays and a comb to hold the optical splitter, it also has a storage place for the pass-through cable.
- ✧ The cable, pigtailed work through their own paths without disturbing each other, the micro type PLC splitter installation makes maintenance easy.
- ✧ The distribution panel can be flipped up, the feeder cable can be put through the input port, easy for maintenance and installation.
- ✧ The box can be installed by the way of wall-mounted or post-mounted, suitable for indoor and outdoor use.

#### Specification:

##### 1. Environmental requirement:

Working temperature: -40 °C ~ + 85 °C

Hygrometry: ≤85% (+ 30 °C)

Atmospheric pressure: 70KPa ~ 106Kpa

**2. Main technical data sheet:**

Insertion loss:  $\leq 0.15\text{dB}$   
UPC return loss:  $\geq 50\text{dB}$   
APC return loss:  $\geq 60\text{dB}$

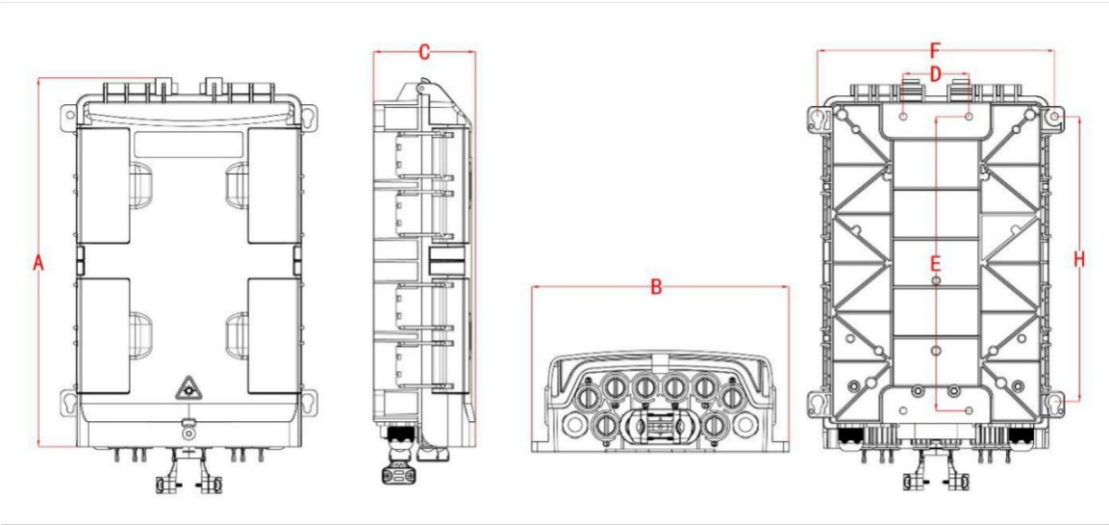
**3. Technical data sheet for lightning:**

The insulation resistance between the grounding device and the metal parts of the case is not less than  $2\text{M}\Omega / 500\text{V (DC)}$ ;  $\text{IR} \geq 2\text{ M}\Omega / 500\text{V}$ .  
The voltage resistance between the grounding device, and the box and its metal parts is not less than  $3000\text{V (DC)}$  / min, no puncture, no flashover;  
 $U \geq 3000\text{V}$

**Configuration table:**

**Table 1 Model and configuration**

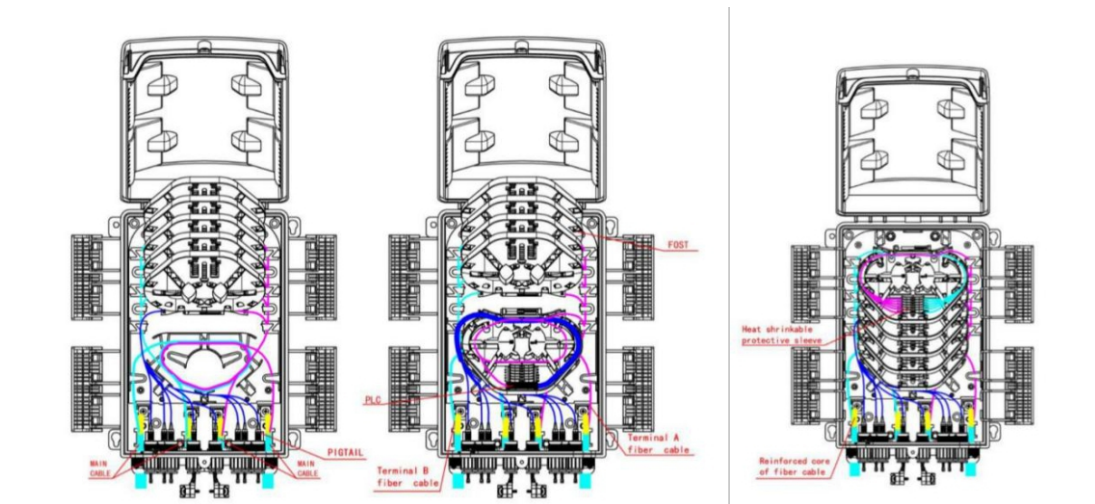
Model	NK-1608-8Y
Dimensions (Fig 1) A*B*C	343*239*95mm
Max Capacity	8 (SC/APC 1/8)
Direct Installation Dimension (Fig 2)	221*265mm
Wall Installation (Fig 2) F*G*H	61*274mm
Diameter Cable Larger (mm)	13



**Fig 1 Size of the box**

**Fig 2 Installation (size)**

## Cable installation:



## Installation:

### 1. Wall-mounted installation

Drill 3 holes in the wall based on the size of table 1, put the expansion bolt  $\Phi 7.5 * 40$ , position the box to match the holes, and use the bolt to fasten it. (Fig 4)

### 2. Post-mounted installation

Fix 1 set of pole ring to telecommunication pole (Fig 5)

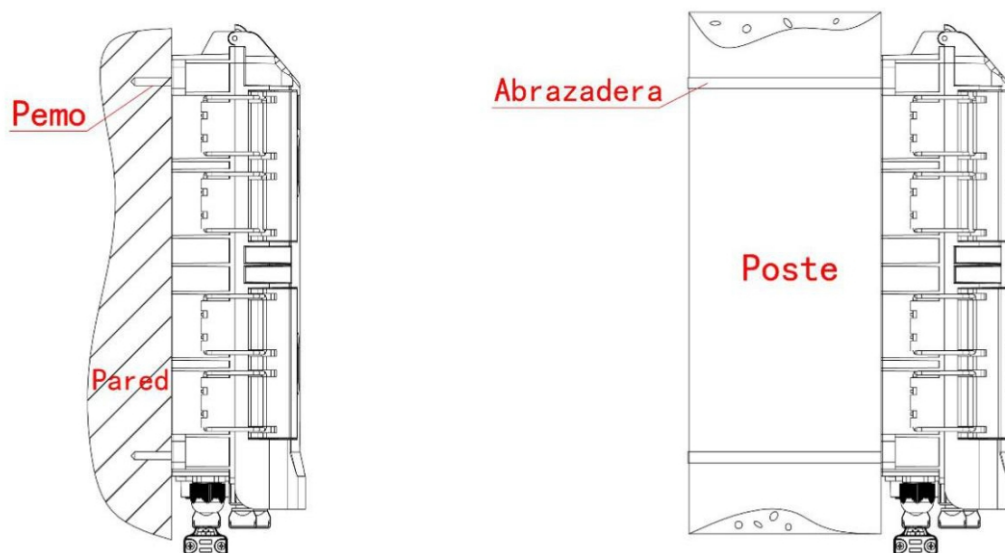


Fig 4 Wall mount installation

Fig 5 Pole mount Installation

## Connector installation:



Fig 6 Turn the arrow part of the fiber connector counterclockwise and remove the dust cap.



Fig. 7 The arrow part of the fiber connector is at the top, insert the fiber connector into the socket and then turn the arrow part clockwise.

## Accessories:

1. Users manual
2. Accessory kit
3. Support to pole