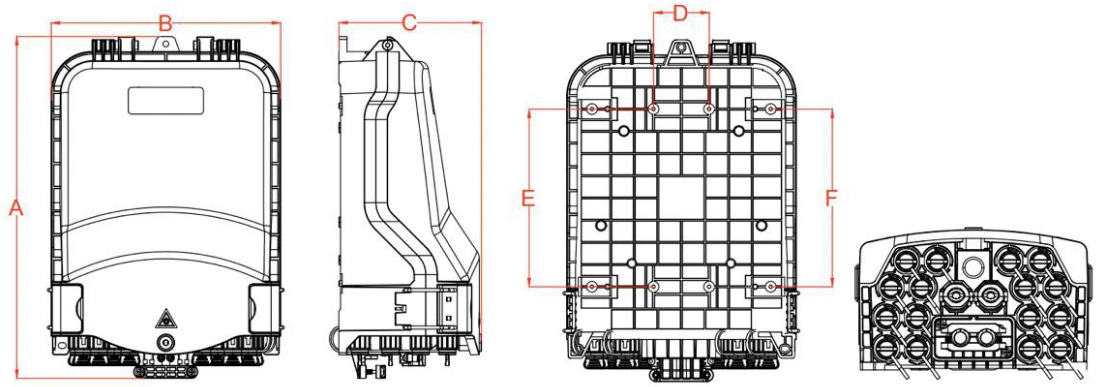
NK-1604-16S Fiber Optic 16Port Pre-connected CTO Terminal Box



NK-1604-16S

Description

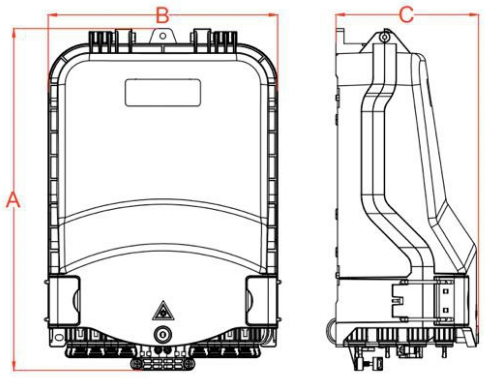
The equipment is used as a termination point for the feeder cable to connect with drop cable in FTTx communication network system. The fiber splitting, distribution can be done in this box, no need open the box with pre-connected connectors. It provides solid protection and management for the FTTx network building.

Features：

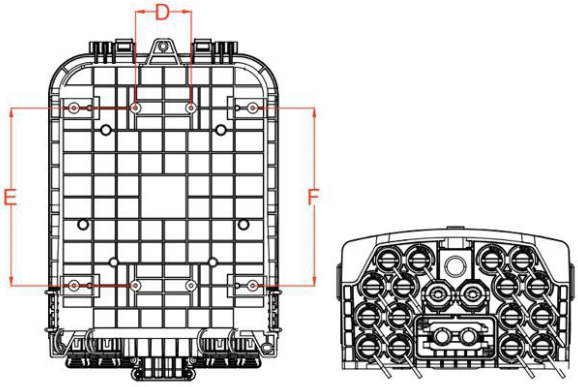
1. Total enclosed structure.
2. Material: PC+ABS, wet-proof, water-proof, dust-proof, anti-aging, protection level up to IP65.
3. Clamping for feeder cable and drop cable, fiber splicing, fixation, storage, distribution all in one.
4. Cable, pigtails, and patch cords are running through their own paths without disturbing each other, micro type PLC splitter installation, easy maintenance.
5. Distribution panel can be flipped up, feeder cable can be placed by expression port, easy for maintenance and installation.
6. Box can be installed by the way of wall-mounted, poled-mounted, Aerial Mounted, suitable for both indoor and outdoor use.

Specification：

Material	PC+ABS
Dimension (Pic 1) A*B*C(mm)	319*214*133mm
Max Capacity	48fibers
Splice Tray	4pcs (12fiber/tray)
Input cable diameter(mm)	Uncut 8-14mm
Branch hole cable diameter(mm)	16mm
Color	Grey
Splitter	2piece 1x8 Mini Splitter
Waterproof Adapter	16pcs
Working temperature	-40°C～+85°C
IP Rated	IP65
Relative humidity	≤85%（+30°C）
Atmospheric pressure	70KPa～106Kpa



Pic 1 Box Size



Installation Size(Pic 2) (mm)	D*E*F	52*166*166

Pic 2 Installation Size

Thunder-proof technical datasheet

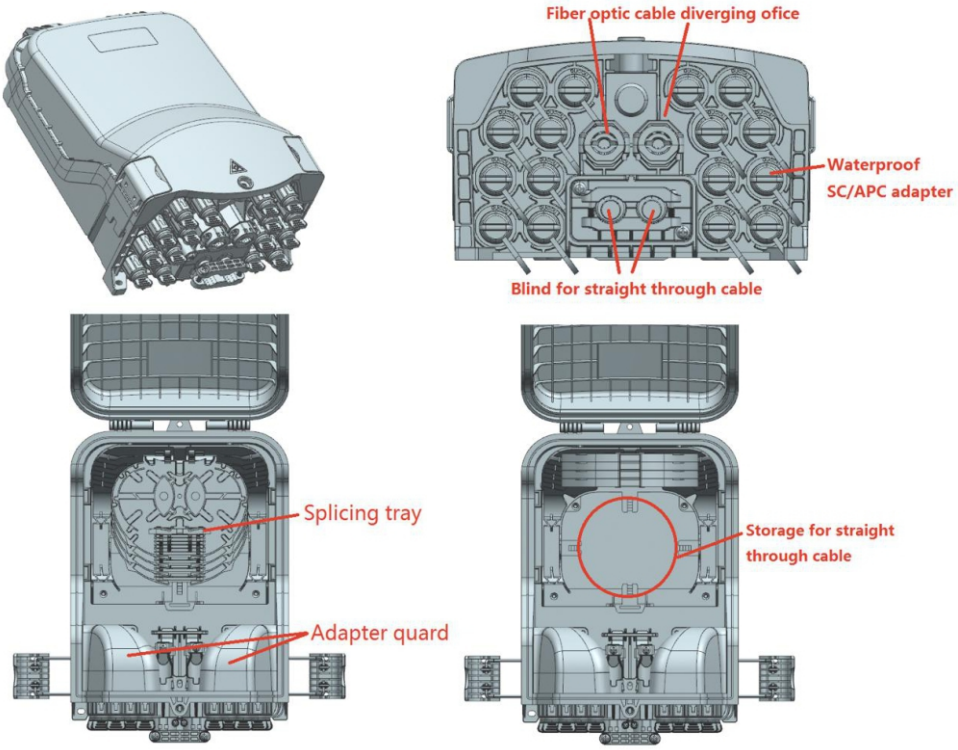
1. The insulation resistance between the grounding device and the metal parts of the box is no less than 2×10^4 MΩ/500V（DC）；IR≥2×10^4 MΩ/500V
2. The voltage resistance between the grounding device, and the box and its metal parts is no less than 3000V（DC）/min, no puncture，no flashover；U≥3000V

Accessories:

- Users' Manual*1
- Key*1
- Accessories Bag * 1
- Pole Ring*1(Option)

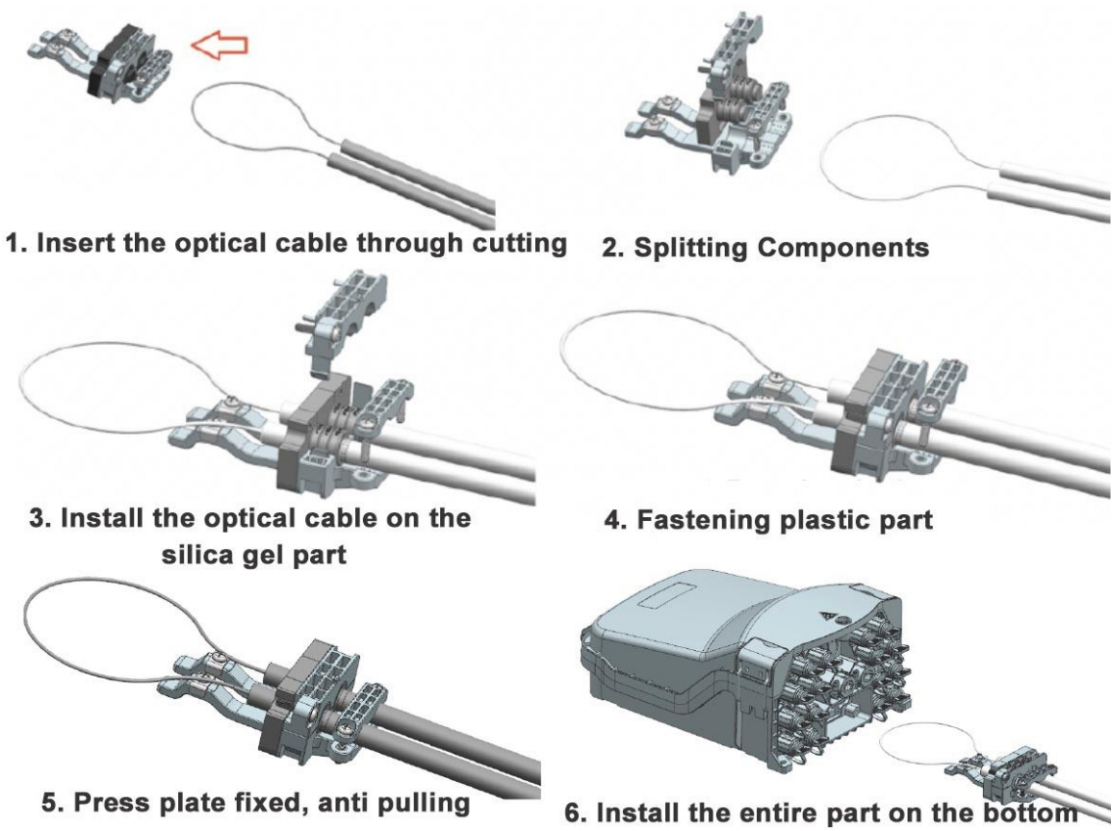
Installation Instruction:

1. Product cable way:

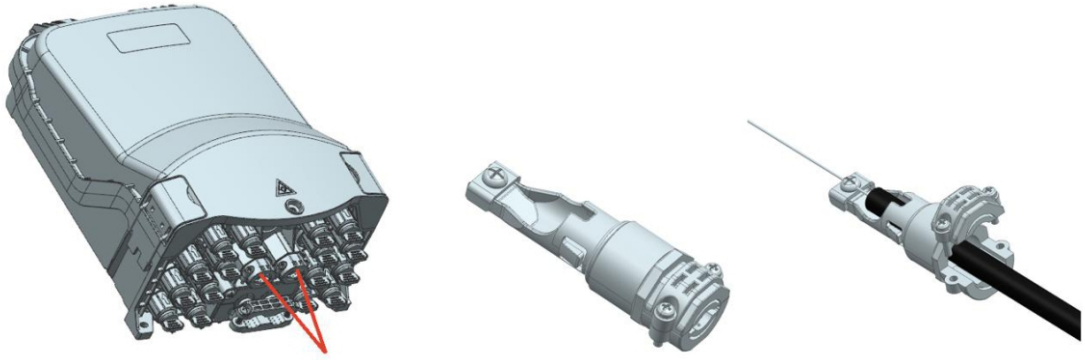


2. Fast Plug:

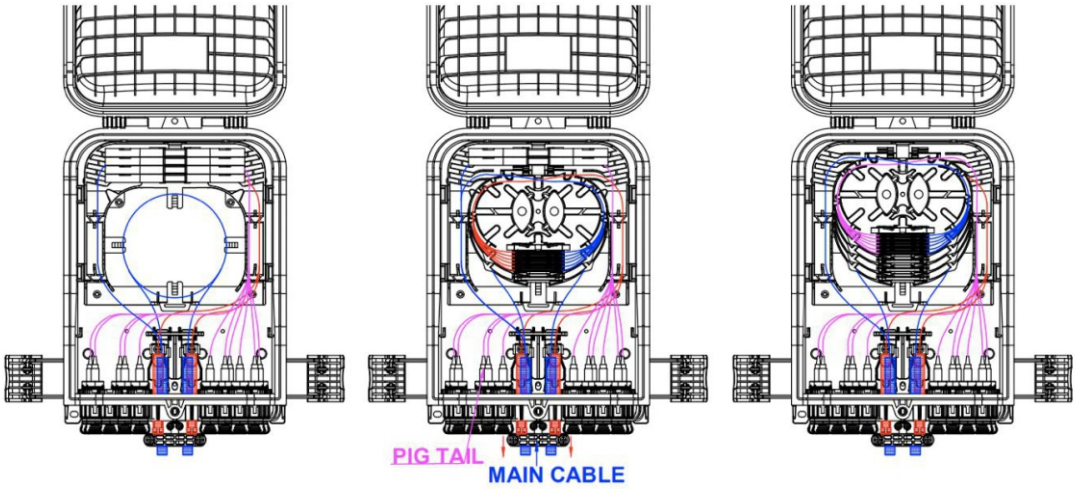
Fast installation, fastening, and sealing of straight-through optical cable with the Fast Plug.



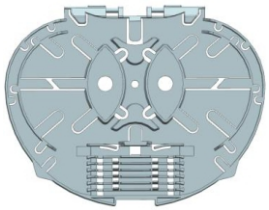
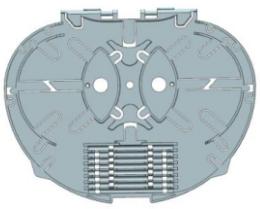
3. Cable Bifurcation



4. Cable Management



5. Splice Tray

Item	Splicing tray A	Splicing tray B
Dimensions(H x W x D; unit: mm)	134*104*8	134*104*4
Net weight (unit: kg)	0.021	0.015
Picture		
Color	Customizable	Customizable
Material	PC+ABS	PC+ABS
Splicing capacity of a tray(cores)	12, 1 slot for 1/8 PLC	8

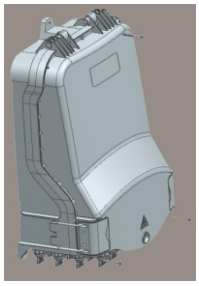
Installation Method：

1. **Wall-mounted installation**

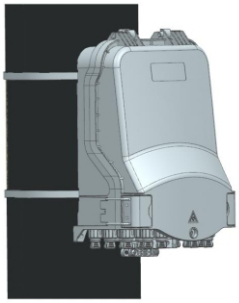
Drill 3 holes into the wall based on the installation size，place the expansion bolt Φ7.5*40，place the box to match up the holes and use bolt to fasten. (Pic 4)

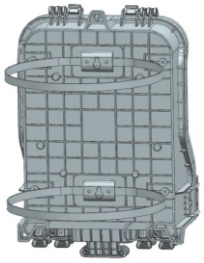
2. Pole-mounted installation

Fix 1 set of the pole ring to the telecom pole (Pic 5)



Pic 4 Wall mounted installation

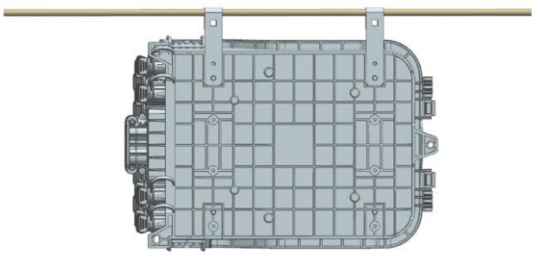


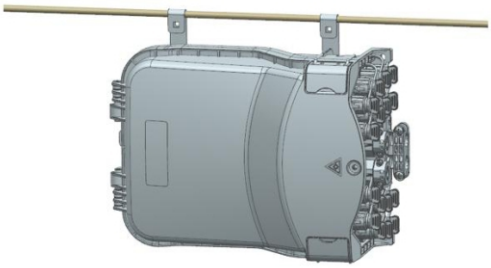


Pic 5 Pole mounted installation

3. Aerial Mounting:

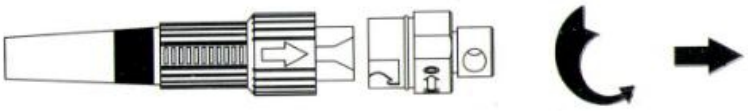
Tie the two installed on the chassis of the overhead hung on the wire, and then bolted, prevent the case fall off. (Pic 6)



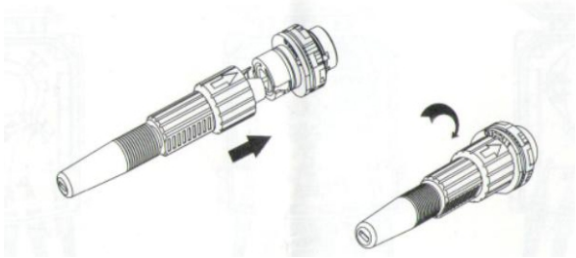


Pic 6 Aerial mounted installation

4. Fiber connector installation:



Rotate the arrow part of fiber connector counterclockwise and take out the dust cap



The arrow part of fiber connector is above, insert fiber connector into the socket and then rotate the arrow part clockwise