

16-Core Outdoor FTTH Box

Model No. LKT-J

1. Summarize:

The equipment is used for FTTX system wiring equipment, mainly for light transmission terminal into the heat sealing, spectral, wiring the output, and other functions, can effectively put an end to the cable, protection and management, for the necessary equipment in the process of optical network transmission.

2. Features:

- 2.1 Fully enclosed structure, beautiful appearance, .
- 2.2 Box material PC+ABS, moisture proof, waterproof, dust, corrosion resistance, aging resistance, protection level to reach IP65
- 2.3 With a cable / indoor cable fixed, welding, inventory, wiring and other functions.
- 2.4 Cable, Pigtail, jump fiber inlet and independently, without mutual interference, cassette SC/LC/PLC installation, convenient maintenance.
- 2.5 The distribution panel can flip operation, wiring cable into the cable with the function, construction, maintenance convenient and quick.
- 2.6 Box can be installed in a way that can be used to install a wall or a holding pole, indoor and outdoor can be used.

3. Technical Condition:

3. 1.Environment Requirement

- Operating Temp.: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- Relative Humidity : $\leq 85\%$ ($+30^{\circ}\text{C}$)
- Atmospheric Pressure: $70\text{KPa} \sim 106\text{Kpa}$

3.2 Technical Standard

- Insertion Loss: $\leq 0.2\text{dB}$
- UPC Return Loss: $\geq 50\text{dB}$
- APC Return Loss: $\geq 60\text{dB}$
- Plug and play durability: > 1000 times

3. 3. Lightning protection technology index

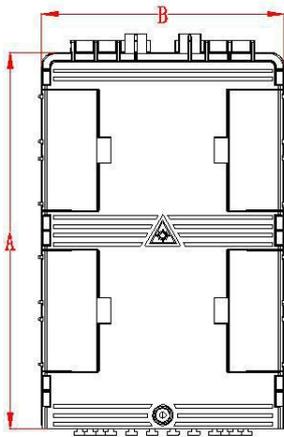
The grounding device and the box insulation, the insulation resistance of not less than 2 M long 104 ohm /500V (DC); IR = 2, 104 /500V long M.

Between the box and the box grounding device resistance voltage is not less than 3000V (DC) /min no breakdown, no flashover; U = 3000V

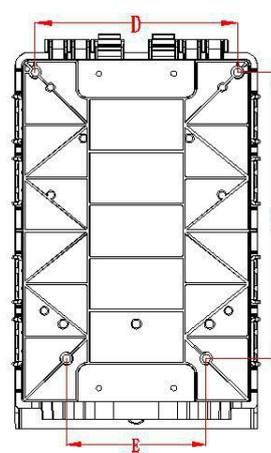
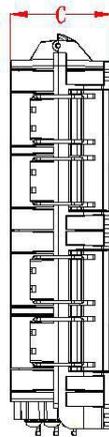
4. Overall layout and model and configuration

Model	Function	Structure Size	Full Capacity	Wall mounting dimensions (picture2)	Fiber input
		A*B*C(mm)	SC	D*E*F (mm)	
GFS-16M	Fiber/Splitter	330*210*87	16	175.5*121*250	Express port
GFS-16N	Fiber/Splitter	330*210*87	16	175.5*121*250	Express port

Sheet 1 Model and Configuration

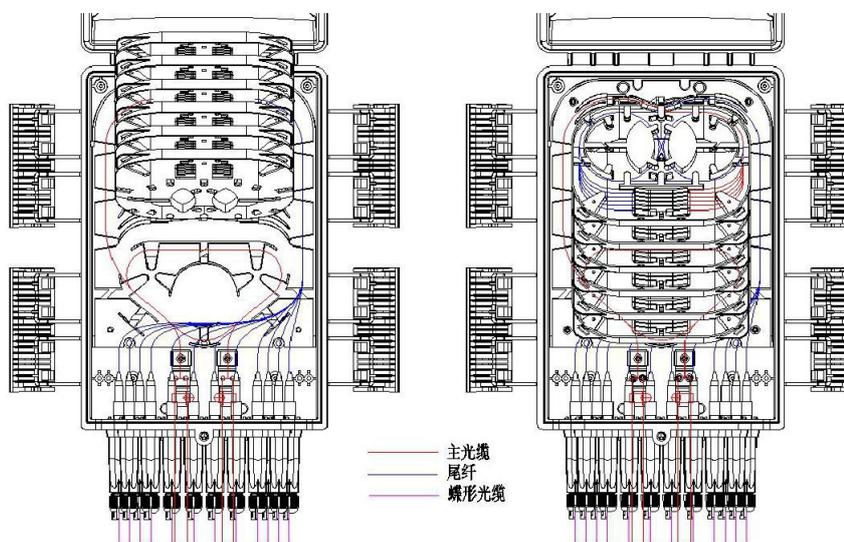


Picture 1 Overall Size
Size



Picture2 Wall-mounted
Size

5. Inside Structure and Laying Structure



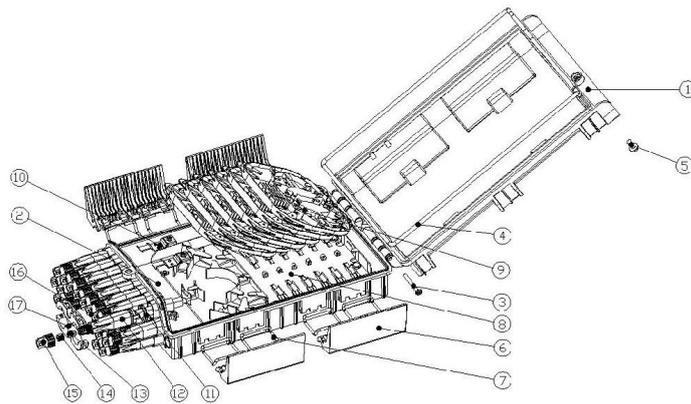


Figure 3 GFS-16M walking fiber

16N cover; 2. 16N bottom; 3. Connecting screws; 4. Sealing strip; 5. Locking screws; 6. GFS-16G door lock buckle; 7. 16g door button is connected with the bracket; 8. 16m mounting plate; 9. 16N fiber melting tray; 10.16H cable fixing seat; 11.16M waterproof ring; adapter 12.16M sheath; 13. 16N silica gel plug; 14. 16m skin cable clamp; 15. 16N skin cable clamp sleeve cap; 16. 24IDig out the device; 17 24I into the cable to dig out the dust

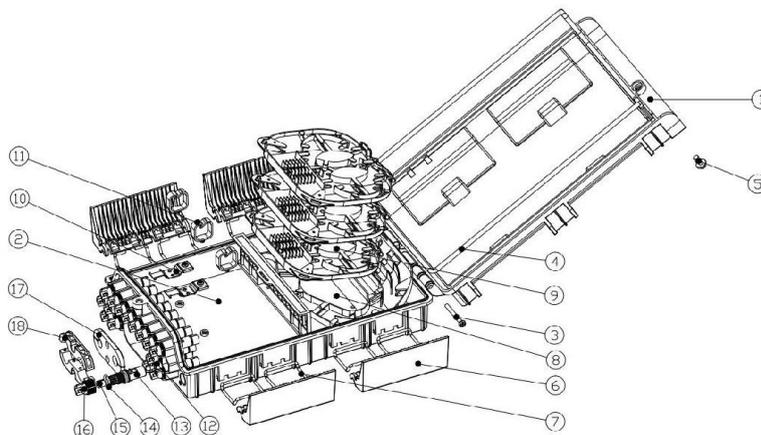
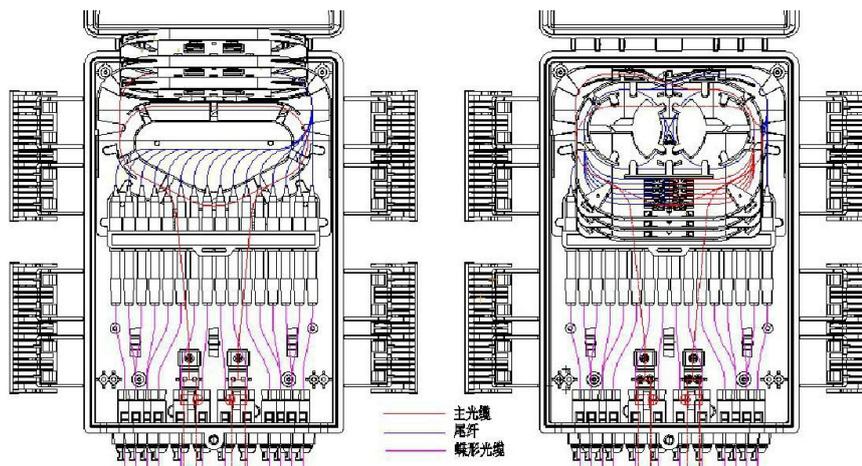
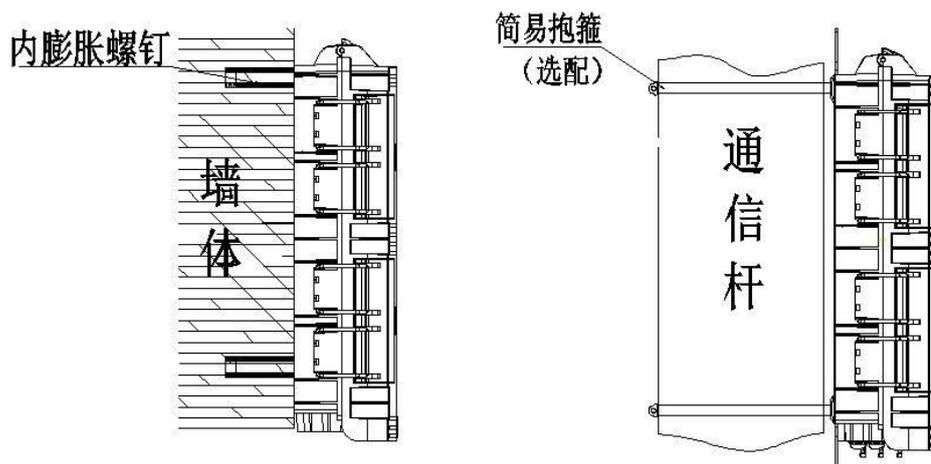


Figure 4 GFS-16N walking fiber

1.16N cover; 2. 16N bottom; 3. Connecting screws; 4. Sealing strip; 5. Locking screws; 6. GFS-16G door lock buckle; 7. 16g door button is connected with the bracket; 8. 16N mounting plate; 9. 16N fiber melting tray; 10.16H cable fixing seat; 11.030 line ring; 12.16N skin cable clamp; 13. 16N skin cable clamp sleeve; 14. 16N waterproof ring; 15. 16N silica gel plug; 16. 16N skin cable clamp sleeve cap; 17. E type sheathed 2. 18. E type set 1

6. Installation Method:

1. Wall hanging installation according to table 1 wall hanging installation size with percussion drill on the wall lay four holes, the expansion typing the phi 7.5*40 plastic tube. The enclosure according to Punch position to the wall, and with screws completely fixed. (Figure 5) 2 holding pole installation



7. Accessories

1. User Manual
2. Key
3. Accessory bag
4. Pole-mounted Accessories, 2pcs