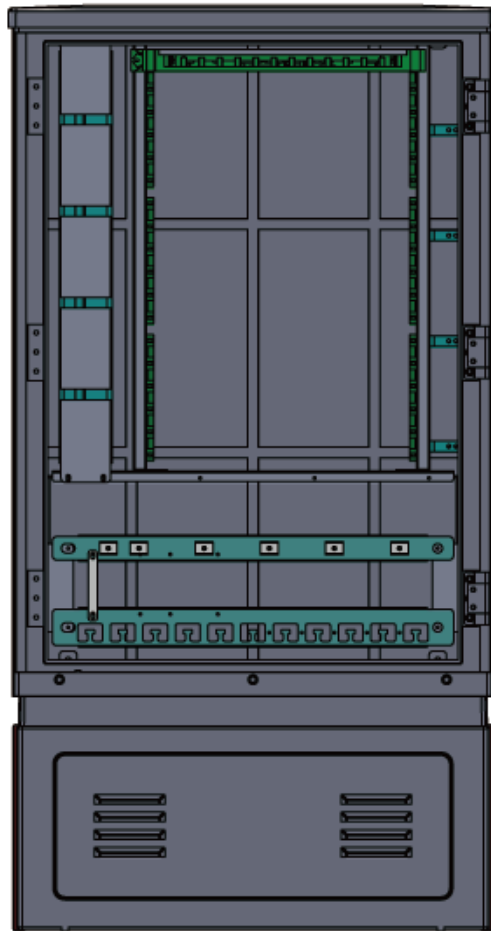


22504 FIBER CABINET MANUAL



1、 Product overview

This product is the interface equipment for the connection between the main optical cable and the distribution fiber cable . It can realize the functions of fiber fusion, terminal, storage and scheduling the fiber system as need. With the structure of 18*24F cassette , the length of the pigtail can be shortened to the maximum extent to meet the needs of the connection and end forming of the beam optical cable and non-beam optical cable. Offer good design for the terminal welding to meet the different demanding.

2、 Features and function:

- ◇ Cabinet uses SMC as the main material, with good mechanical , anticorrosion performance , good weathering resistance and High strength.
- ◇ Uses integral hinge, The design of three point anti-theft teeth lock to make the cabinet have strong anti-theft function. It can effectively prevent the outside matter into the cabinet .
- ◇ The tray can be separately pulled out for construction, the welding and making the end can be operated at the same level, It's convenient for the engineer to short the working time .
- ◇ The bundle or ribbon tail fibers can be spliced on the special designed plate to make the installation easily. .
- ◇ Good design to manage the incoming and outgoing wires . With the special wire chute, fixed guider , and especial reel to allow all operation can be in the front, to arrange the fiber orderly and effectively.
- ◇ Cabinet has enough space to storage the fiber cable, to ensure fiber cable under the correct fiber curvature radius.
- ◇ Superior grounding protection is reliability.
- ◇ All technical performance indicators comply with GB4208-1993 shell protection level IP65.

3、 Technical indicators of the cabinet section

- ◇ The high pressure protection ground of the cabinet to make the good insulation .
insulation resistance $\Omega > 5 \times 10^4 \text{ m} / 500 \text{ v (DC)}$ 。
- ◇ The withstand voltage between cabinet protection ground and cabinet: $>3000\text{V(DC)}$. no breakdown, no flying arcs within 1 min
- ◇ The flame retardant performance of the working cabinet meets the requirements of GB/t5169.7-1985 test A。

4、 Product environment requirements

- ◇ Working temperature: $-5^{\circ}\text{C} \sim +40^{\circ}\text{C}$
- ◇ Relative humidity: $\leq 85\%$ ($+35^{\circ}\text{C}$)
- ◇ Atmospheric pressure: $70\text{KPa} \sim 106\text{Kpa}$

5、 Equipment installation.

The product shall be installed on cement base or other solid and reliable base。

5.1 Entering the fiber cable

1. Get the fiber cable into the cabinet from the bottom and left side of the cabinet .
 2. Get the fiber branch box down from the mounting plate, to fix the entering cable with the special designed clamping device inside the branch box.
 3. Strip off the fiber cable at the required length 2.8M , to fix the reinforcing core and the earthing wire of the fiber cable.
 4. To take away the loose tube , and put the fiber wire into the protecting sleeve to protect the fiber cord.
 5. fixed the protecting sleeve which is with fiber cord inside already under the especial designed claw plate in the branch box.
 6. close the branch box, and fix it on the mounting plate by screw M4.
-

6、 The packaging, transportation, storage

6.1 The packing

This Cabinet is packaged by factory's standard or customer's requirement. The especial material package to have moisture-proof and shock-proof during the transportation. All the accessories/spare parts are packed by separated bag in the cabinet .

6.2 Transportation

This cabinet can be used for transportation of various ways of transportation. During the transportation, the packed cabinets can be in temperature between - 30 °C ~ 55 °C, the required relative humidity can not more than 90%. It will be suggest strongly to have the awning if it's more than 30 °C during the transportation. The products can not be rain, or dip in the water, or sun exposure. Loading/ unloading the products should be accordance to the transport operation sign painted on the package. The cabinet is prohibited to be inverted, side - placed and turned over

6.3 The storage

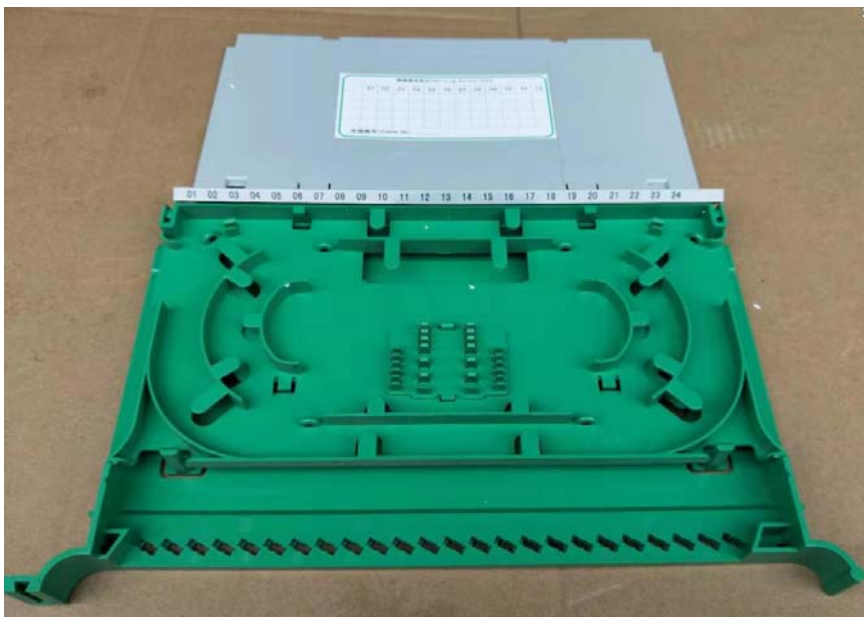
The cabinet should be stored in 10 ~ + 40 °C, relative humidity is not more than 75%. The Storage Room should be dry and aeration. There should be no corrosive gas or dangerous things around the storeroom. Overweight should not be piled up on the top of the products

7、 Product maintenance

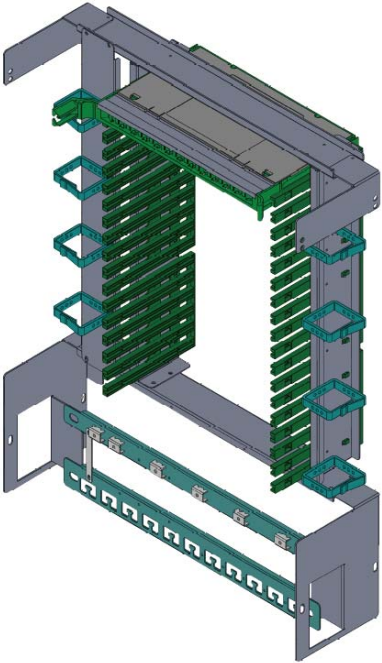
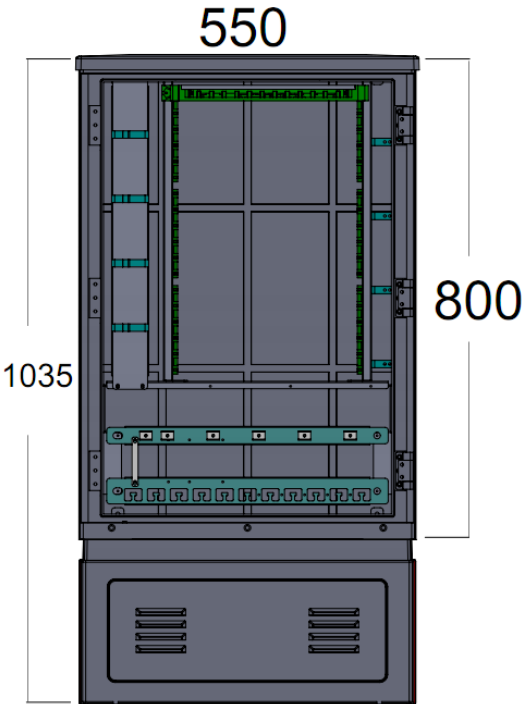
◇ Working products must have professional person to periodic inspection and cleaning maintenance.

◇ The products should be placed under the required working environment. Regularly clean up the surrounding environment and maintain good environmental conditions.

8、 24F Cassette



9、 Size of the cabinet



1035*550*310