Model Number

No.	Product name	Model	Specifications	Max.Capacity(Cores)		Remark
			Height × Width × Depth (mm)	Line side (fusion/wiring)	Equipment side (wiring)	
1	Optical fiber main distribution frame	GPX818-PB1	2000x840x600	648 cores	480	It can be equipped with 9 in-line welding integrated units and 5 horizontally-lined 96-core wiring units.
2		GPX818-PB2	2200x840x600	720 cores	576	It can be equipped with 10 in-line welding integrated units and 6 horizontally-lined 96-core wiring units.
3		GPX818-PB3	2600x840x600	864 cores	672	It can be equipped with 12 in-line welding integrated units and 7 horizontally-lined 96-core wiring units.

Product Features

1. Zoned management of line-side optical cables and equipment-side tail cables is in line with the existing maintenance system habits;
2. The intra-rack and inter-rack fiber jumpers are all in the OMDF rack, eliminating the need to enter the optical fiber channel in the computer room, reducing channel pressure and facilitating scheduling and management;
3. The jumper length can be customized to reduce fiber redundancy and winding;
4. There are reserved test ports;
5. The front is the line side (inline), and the back is the equipment side (horizontal);
6. The wiring panel on the equipment side adopts a rotating structure, which is easy to maintain;
7. The jumper routing adopts direct placement type, which does not require threading and fiber routing, and is easy to operate.

Application

With the rapid development of broadband access networks in recent years, communication operators have accelerated the promotion of home optical fiber access, and various regions have begun to accelerate towards the goal of "fiber optic cities". With the further development of the number of access users, the MDF main distribution frame in the original central computer room measurement room will gradually be replaced by the optical fiber main distribution frame (OMDF). The optical fiber main distribution frame adopts the line management structure of the audio main distribution frame, which is divided into line side (in-line) and equipment side (horizontal). External optical cables and equipment pigtail cables are all connected during the engineering phase. Subsequent operation and maintenance uses intra-rack fiber jumpers or inter-rack fiber jumpers,and dispatches and manages them through horizontal fiber optic ducts in the rack, without the need for fiber optic ducts on the top of the rack.

The GPX818-PB type optical fiber main distribution frame has 72 cores per unit on the line side and uses an integrated tray; it has 96 cores per unit on the equipment side and uses a rotatable distribution panel.