

Optical Fiber Distribution Frame

GPX82-1-1



Dimensions and Capability

Dimensions(H*W*D)	Dimensions (H*W*D)mm	Capacity (cores)
Fully front side operation	2600*840*300	576
	2200*840*300	432
	2000*840*300	288
Both front side and back side operation	2600*600*300	288
	2200*600*300	216
	2000*600*300	144

*Customized designs are available upon request

Overview

LongXing optical fiber distribution frame GPX82-1-1 is made of top quality steel and deformed aluminum alloy and treated with galvanizing, oxidation and electrostatic plastic spraying. The frame has solid structure and pleasing appearance.

Features

- This frame is made of top quality steel and deformed aluminum alloy and treated with galvanizing, oxidation and electrostatic plastic spraying.
- Fully-closed structure with the advantages of good performance of dust-proof, pleasing and neat appearance.
- Modular design: modular patch panel, fiber storing module and splice module are provided.
- Big capacity: 72cores/unit, 576cores (8 units)/frame.
- Optical cable can be entered/ exited from the front so as to make operation and maintenance more convenient.
- Incoming optical cable fixing units are provided.
- Two types of frames:
 - ◇ Fully front side operation;
 - ◇ Both front side and back side operation.
- Accommodates SC, FC and LC/duplex adapters.
- No screws need for installing any type adapters (using 6-position adapter slots).
- Fiber guides are equipped to facilitate rewinding patch cords.
- Reliable earth protection device provided..

Technical Specifications

- Working with wavelength of 850nm, 1310nm and 1550nm
- Insertion Loss: $\leq 0.30\text{dB}$
- Return Loss: $\geq 45\text{dB (PC)}$
- Pressurization between the frame high voltage protection earth device and the frame $\geq 3000\text{Vdc}$ for 1 minute without any breakdown or flashover.
- Insulation resistance between the frame high voltage protection earth device and the frame $\geq 1000\text{M}\Omega/500\text{Vdc}$.
- Mechanical durability: No damage for all connectors and adaptors after 500 mating times.

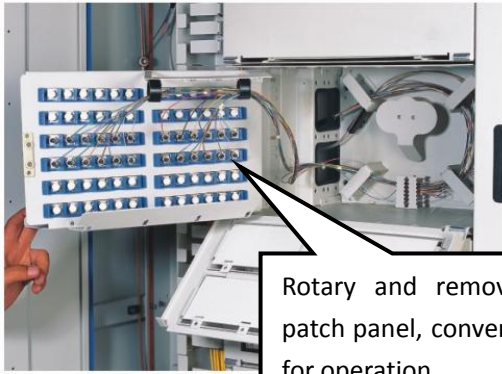
Operation Conditions	
Temperature	-5°C -- 40°C
Humidity	85% at 30°C
Air Pressure	70kPa – 106kPa

Shipping Information	
Package Contents	ODF 1 unit
Package Dimensions(W*H*D)	It depends on the dimensions of the product
Material	wooden box
Weight	It depends on the dimensions of the product
Lead Time	10-15 working days normally

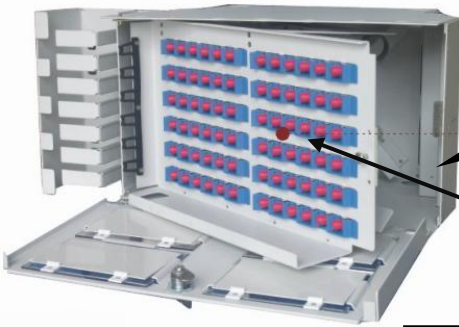


Part Details

Fiber Termination Patch Panel ODU-20



Rotary and removable patch panel, convenient for operation

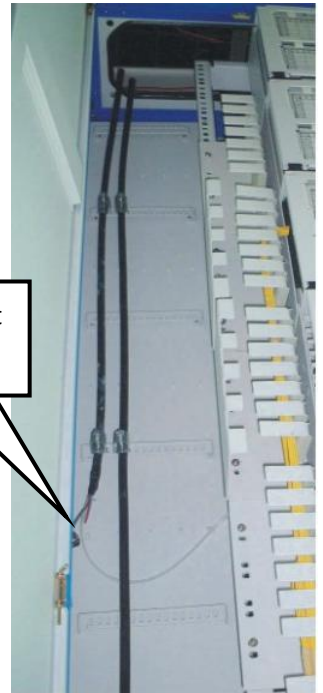


Capacity (cores):
24/48/72

6-position adapter holder

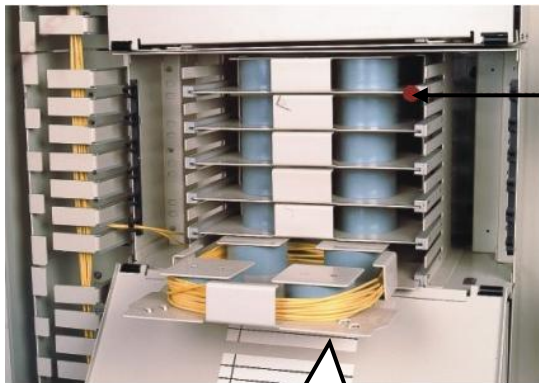


Optical Cable Inlet System



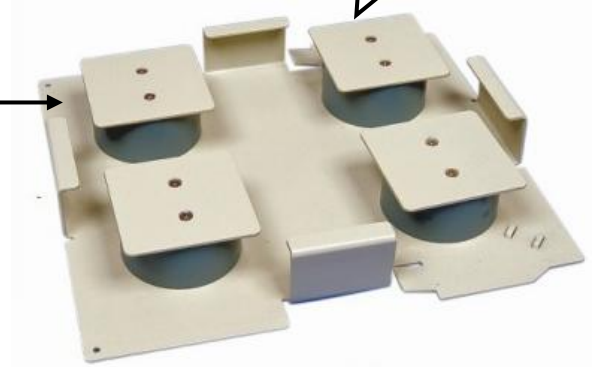
Reinforcement fixture

Optical Fiber Storing Module



The fiber storing tray is provided with reliable position and limit device in the unit and can be removed out of the unit

6 optical fiber storing trays per unit



Splice Module



Capacity:
12 splice tray per unit

The splice tray (capacity of 12 cores)
can be removed out of the unit so as
to facilitate operation.

