

# GPX82 Optical Fiber Distribution Frame



Dimensions (H * W * D)mm	Modules (72FO each)	Capacity (FC)	Capacity (SC and LC)
2600 * 900 * 300	12	864 FO	1728 FO
2200 * 900 * 300	8	576 FO	1152 FO
2000 * 900 * 300	7	504 FO	1008 FO

## GPX82 Optical Fiber Distribution Frame

### Features:

- This frame 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.
- Fully-closed structure with the advantages of good performance of dust-proof, pleasing and neat appearance.
- Enough space for fiber distribution and storage space and very easy for installation and operations.
- Fully front side operation, convenient for maintenances.
- Curvature radius of 40mm.



- Cable inlet system is installed on the top of the frame which has excellent performances for fixing the cables.
- Cables can be inlet either from the top or the bottom of the frame subject to different requirements.
- This frame is suitable for both common bundle cables and ribbon type cables.

- Reliable cable fixture cover and earth protection device provided.

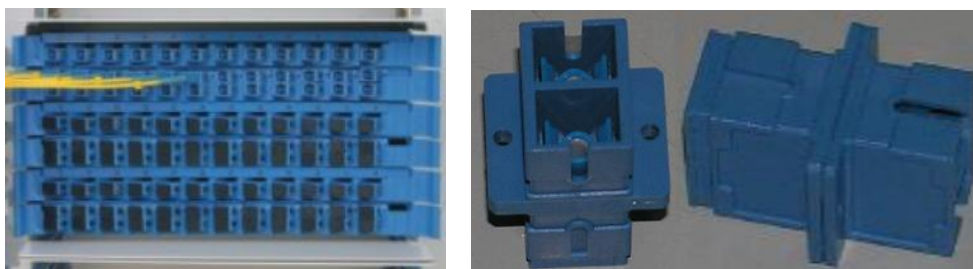


- Integrated splice and distribution unit is adopted. Each unit holds up to 12 FC adapters and up to 24 SC/LC adapters. All units have specially designed slots and can be easily pulled out for operation at any time.
- Fiber separation hook of the splice and distribution module (the hook on the left) can be disassembled to fit for both wide and narrow structure frame.



- Every 6 units make up a module.

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Longxing's Dual SC adapters could double the capacity of Splice and distribution units' capacities to max 24FO each.

- All adaptors are installed 40 degrees inclining to the operation surface which is easier for connecting and also protect installers' eyes from the lights.
- No screw needed for installing adaptors.

### Optional Accessories:



Fiber optic splitter module to be placed in specially designed container, which is adoptable by the 72Fo module.

Fiber Optic Splitter Options:  
1 x 4 / 6 / 8 / 12 / 16 / 32

### Operation Conditions:

- Temperatures:  $-5^{\circ}\text{C} \text{ -- } 60^{\circ}\text{C}$
- Humidity: 90% at  $30^{\circ}\text{C}$
- Air Pressure: 70kPa – 106kPa

### Technical Specifications:

- Working with wavelength of 850nm, 1310nm and 1550nm
- Insertion Loss:  $\leq 0.30\text{dB}$
- Return Loss:  $\geq 0.45\text{dB}$  (PC)
- Pressurization between the frame high voltage protection earth device and the frame  $\geq 3000\text{V(DC)}$  for 1 minute without any breakdown or flashover.
- Insulation resistance between the frame high voltage protection earth device and the fram  $\geq 1000\text{M}\Omega/500\text{V(DC)}$ .
- Mechanical durability: No damage for all connectors and adaptors after 500 mating times.