

GPX82-2 Optical Fiber Distribution Frame

Updated: Jan 2010



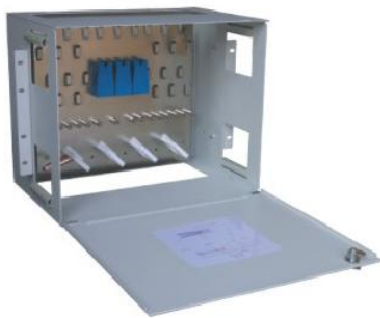
Dimensions (H * W * D)mm	Modules (72FO each)	Capacity (FC/SC/LC)	Capacity (SC/LC, Duplex)
2600 * 840 * 300	12	864 FO	1728 FO
2200 * 840 * 300	8	576 FO	1152 FO
2000 * 840 * 300	7	504 FO	1008 FO
2600/2200/2000 * 600 * 300	4	288 FO	576 FO
2600/2200/2000 * 300 * 300	3	144 FO	288 FO

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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.

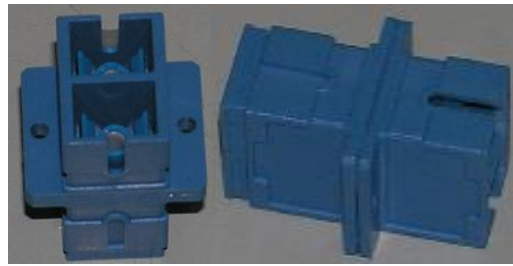
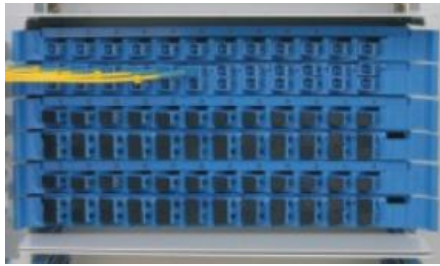
- Reliable cable fixture cover and earth protection device provided.



- Integrated splice and distribution unit is adopted. Each unit holds up to 12 simplex FC, SC or LC adapters and up to 24 duplex SC or 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.



- Up to 6 units make up a module.
- Work table is provided if one module contains 6 units.



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

- All adapters 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 adapters.

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°C -- 60°C
- Humidity: 90% at 30°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.



600mm Width Frame



300mm Width Frame