

GPX82-4 Optical Fiber Distribution Frame



Dimensions (H * W * D)mm	Modules (6 DU)	Capacity (12Port DU)	Capacity (24Port DU)
2600 * 840 * 300	11	792	1584
2200 * 840 * 300	8	576	1152
2000 * 840 * 300	7	504	1008

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.
- Minimum bend radius is controlled of 40mm.



- The optional cable inlet system is installed on the top of the frame which has excellent performances for fixing the incoming cables.
- Cables can be entered to the frame either from the top or the bottom of the frame subject to different requirements.
- This frame is suitable for both bundle (loose) cables and ribbon type cables.

- Reliable cable fixture cover and earth protection device provided.



- Different types of Distribution Units (hereafter refer as 'DU') can be freely chosen to be used within the frame. The options of DU are as below:
 - **12 Ports splice DU:** max capacity of 12 FC / SC and 24 LC connections.
 - **24 Ports splice DU:** max capacity of 24 FC (plastic adapter) / SC / LC connections
 - **12 Ports patch DU:** No splice function
 - **12 Ports splitter DU:** Allocate one splitter and offers 12 slots for adapters
 - **Non-adapter splitter DU:** Allocate one splitter but with no slots for adapters.



- Every 6 DU makes up a module.
- 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.

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.