

GPX28S-GC Series

Optical Fibre Distribution Frame

This product is used to connect and schedule optical fibre and cables. It acts as a connection point between optical transmission networks and optical transmission equipment, or between access networks' optical fibre and subscribers' optical cables. Supporting both cross connection and straight connection, it permits fibre connection, allocation, and scheduling.



Product Structure



Product Features

- Standard 19" installation, enclosed structure, strong dust-proofing performance.
- Operation from both front and back supported, multiple frames can be arranged in a row or used with other 600 mm wide devices.
- Uses a 12-core splicing-distribution integrated module which can be removed.
- Cables can be introduced from both above and below (optional).
- Adapter with 35 °angle, ensuring proper bending radius of optical fibre.
- Uses FC, SC, and LC adapters, applicable to ribbon and bundle cables (optional).
- Includes intra-frame storage and cabling space in base; inter-frame layout of optical fibre jumpers supported.
- Complete set of reliable cable fixing, stripping, and grounding parts available.



Product Parameters

Type	GPX28S1-GC-1	GPX28S2-GC-1	GPX28S3-GC-1
Standard Capacity (Unit: Core)	504	576	720
Dimensions (H × W × D, Unit: mm)	2,000 × 600 × 600	2,200 × 600 × 600	2,600 × 600 × 600
Material	Metal plate	Metal plate	Metal plate
Adapter Type	LC, SC, FC, etc.		
Connector Insertion Loss (Units: dB)	≤ 0.3		
Insert-Extract Durability (Units: Times)	1,000		
Return Loss (Units: dB)	PC ≥ 45 dB, UPC ≥ 50 dB, APC ≥ 60 dB		
Operating Environment	Indoor		
Standards Compliance	Meets Chinese national standards, including YD/T788-2011, GB/T2423-2008, GB/T3873-1998, and GB/T9286-1998, and international standards, including IEC standards, including IEC 61300-3-15, IEC 61300-3-16, IEC 61300-3-17, and IEC 61300-3-23.		
Operating Temperature	-40°C to +60°C		
Ambient Humidity	≤ 95% (+40 °C)		
Atmospheric Pressure	70 kPa to 106 kPa		
Insulation Resistance	Insulation resistance between the grounded and metal parts of the cabinet ≥ 2 × 10 ⁴ MΩ/500 V (DC)		
Withstand Voltage (Unit: V)	Withstand voltage between the grounded part and metal parts of the cabinet ≥ 3,000 V (DC)/1 min		



Order Guide

Model	Capacity	Dimensions	Adapter Type	Remarks
GPX28S1-GC-1	504	2,000 × 600 × 600	SC	/