

GPX28UGF-ZR Series

Main Distribution Frame

This product is a high-capacity optical fibre distribution frame designed in accordance with cross connection and distribution principles. Intermediates between incoming optical cables and optical communication devices.



Product Structure



Product Features

- Open structure, line side at front and equipment side at back, functional partition design, clear maintenance management.
- Unified cable entry, cables can enter from above or below, suits both ribbon or non-ribbon optical fibre cable.
- Parallel installation of multiple frames supported, equipment side features multiple lines of horizontal cable troughs designed for jumper separation.
- No patch cord route crossing; ensures fibre bending radius is not less than 30 mm.
- 96-core rotatable (90 °) terminal unit on the equipment side for convenient operations and maintenance.
- W-shape no-winding jumper route, makes locating jumpers easy.
- Dual cable troughs, with intra-frame and inter-frame jumpers isolated, for easy maintenance and replacement.
- Side plates can be configured to customers' requirements.



Product Parameters

Type	GPX28UGF1-ZR-B1	GPX28UGF2-ZR-B1	GPX28UGF3-ZR-B1
Standard Capacity (Unit: Core)	Splicing-distribution:648/Terminals: 480	Splicing-distribution: 720/Terminals: 576	Splicing-distribution: 864/Terminals: 768
Dimensions (H × W × D, Unit: mm)	2,000 × 840 × 600	2,200 × 840 × 600	2,600 x 840 x 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 ≥ 3000 V (DC)/1 min		



Order Guide

Model	Capacity	Dimensions	Adapter Type	Remarks
GPX28UGF1-ZR-B1	Splicing-distribution: 648/Terminals: 480	2,000 × 840 × 600	SC	/