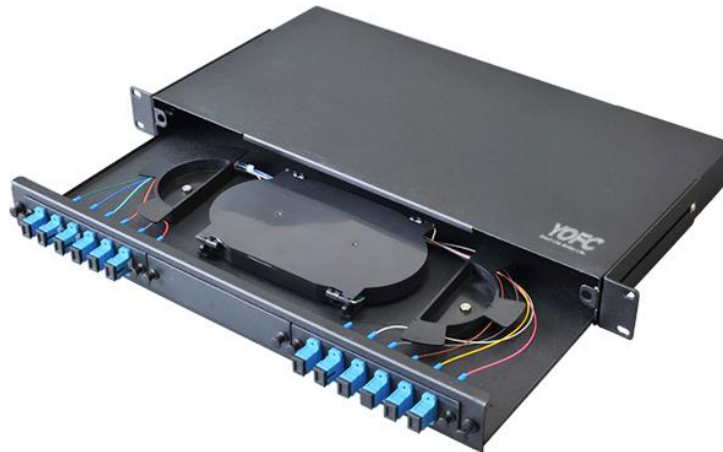| Optical Fibre Cable Terminal	GZR Series 19" Rack-mounted Terminal Box

The GZR Series 19" Rack-mounted Terminal Box (Rail-based) is a functional component for optical fibre distribution frames or network integrated cabinets, offering fibre splicing, distribution, and tray storage. Featuring standard 19" installation based on a sliding rail and drawer-type structure, this box consists of a fixed rack, sliding frame, and adapter panel, with the sliding frame carrying a splice tray, wrapping post, and adapter panel bayonet permitting withdrawal for maintenance.

Product Structure

Product Features

- High-quality cold-rolled steel, electrostatically spray-treated surface, elegant appearance.
- High density, 1U distribution capacity up to 48 cores, 2U up to 96 cores (dual-LC adapters).
- Drawer-type structure for easy operations and maintenance.
- Three adapter panels for 1U box, six for 2-U box; adapter panels can be selected and scheduled as required for capacity expansion or reconfiguration.
- Adaptable to FC (D type), SC, LC (simplex and duplex), and ST adapters,via choice of adapter panel.

Product Parameters

Product Series	GZR series
Operating Temperature	-40°C to +60°C
Ambient Humidity	≤ 95% (+40 ℃)
Atmospheric Pressure	70 kPa to 106 kPa
Nominal Operating Wavelength	850 nm, 1,310 nm, 1,550 nm
Insulation Resistance	Insulation resistance between ground device and cabinet > 1,000 MΩ/500 V (DC)
Withstand Voltage (V)	Withstand voltage between the ground part and cabinet > 3,000 V (DC)/5 s, no puncturing or arcing
Insertion Loss (dB)	≤ 0.2 dB
Return Loss (dB)	PC ≥ 45dB, UPC ≥ 50dB, APC ≥ 60dB
Standards Compliance	Other specifications compliant with the requirements of YD/T 778-2011 ODF and other industry standards

Order Guide

Item	Type	Dimensions H × W × D (mm)	Capacity (Core)	Operating Environment	Remarks
19" rack-mounted terminal box (1U)	GZR-12SC	1U×482×220	12	Standard 19" rack/cabinet	Configured with two 6-core SC panels and one blank panel
	GZR-12FC		12		Configured with two 6-core FC panels and one blank panel
	GZR-12ST		12		Configured with two 6-core ST panels and one blank panel
	GZR-24SC		24		Configured with three 8-core SC panels
	GZR-24FC		24		Configured with three 8-core FC panels
	GZR-24ST		24		Configured with three 8-core ST panels
	GZR-24DLC		24		Configured with two 12-core duplex LC panels
	GZR-48DLC		48		Configured with three 16-core duplex LC panels
19" rack-mounted terminal box (2U)	GZR-48SC	2U×482×220	48		Configured with six 8-core SC panels
	GZR-48FC		48		Configured with six 8-core FC panels
	GZR-48ST		48		Configured with six 8-core ST panels
	GZR-96DLC		96		Configured with six 16-core duplex LC panels