ODF-1U-16DF

1U 19" Fixed 16-Port Dual-Position Integrated Chassis

1. Product overview

This is a standard 1U rack-mount fixed chassis with a cold-rolled steel body, intended for telecom rooms, industrial control, low-voltage integration and data access applications. The front panel takes 16 dual-position modules — 32 cores with duplex adapters fitted. Removing the front cover gives access to the splice tray for splicing and maintenance. Rigid structure and a shallow 250 mm depth.

2. External dimensions (mm)

Height	44.2 mm (1U)	Width	482 mm (19 inch)
Depth	250 mm	Port positions	16 dual-position slots (32 cores)
Mounting	19-inch rack mounting, rack ears on both ends, 420 mm mounting width		

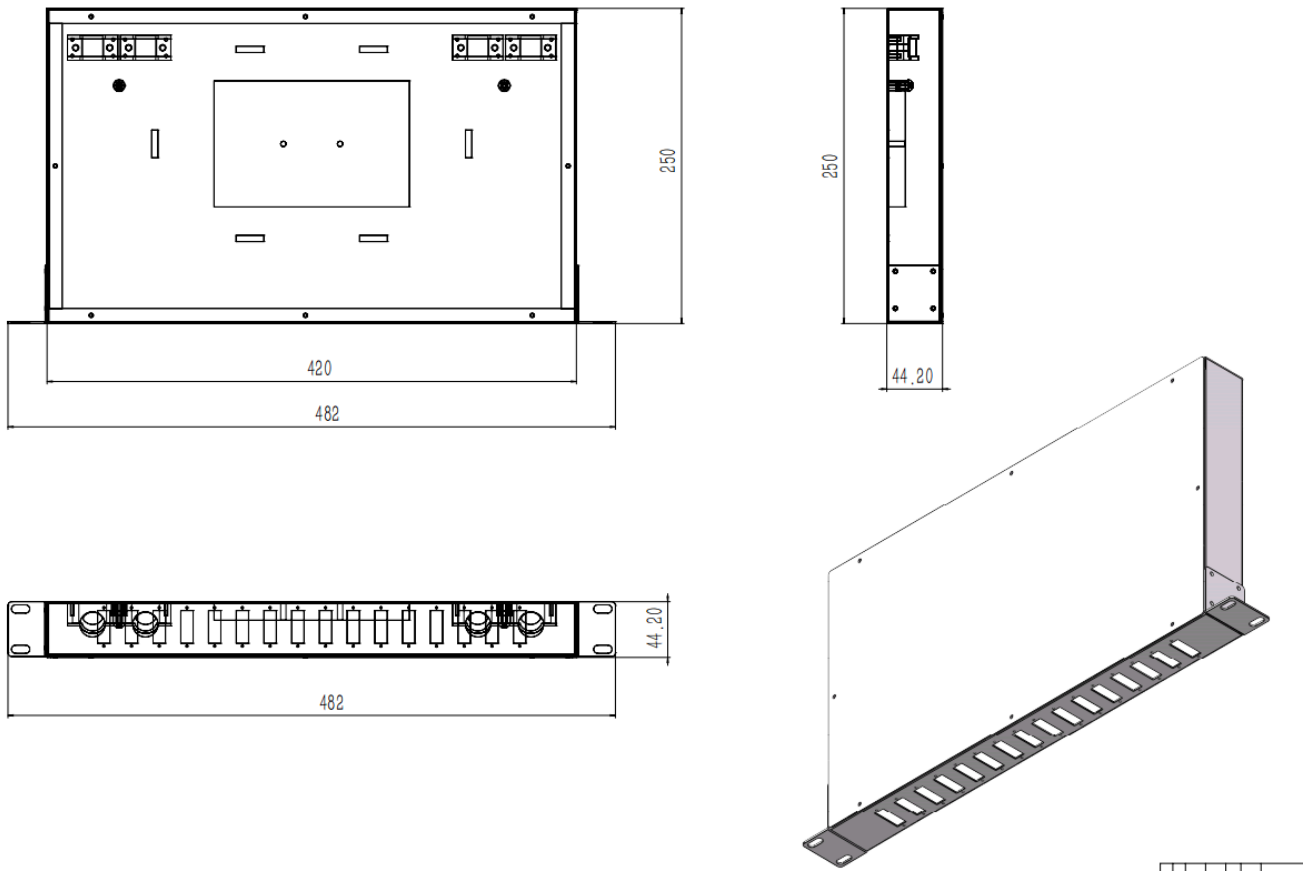
3. Construction & materials

Body material	Quality cold-rolled steel
Load-bearing frame	Quality cold-rolled steel
Surface finish	Electrostatic powder coating
Chassis type	Fixed structure, front cover removable
Adapter mounting	16 dual-position slots on the front panel, single row
Splice trays	1 tray, fixed inside the body
Cable entry	4 round entry ports with cable clamps
Cooling	Natural convection
Protection	Basic dust-proof and touch-proof

4. Features

- Standard 1U height and only 250 mm deep — fits shallow cabinets
- Fixed structure; remove the front cover to reach the splice tray
- 16 dual-position slots — 32 cores with SC or LC duplex adapters as standard
- Can be fitted with 16 single-position adapters (16 cores) or LC four-position modules (64 cores)
- Generous cable-management space — cords and pigtails stay inside the cover
- All-metal structure — high strength and good interference resistance

5. Outline drawing



Body 482 × 250 × 44.2 mm, 420 mm mounting width; 16 dual-position front panel and internal splice tray.

6. Applications

Telecom room rack integration · industrial control port aggregation · low-voltage box / cabinet port management · data access units and security surveillance integration.

7. Notes

All dimensions in mm. Colour, marking and port types can be customized on request. This specification is prepared from the product drawing.

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