

42U 19-Inch Aluminum Network Cabinet with Glazed Door

This 42U 19-inch network cabinet is designed for housing and protecting network equipment. Constructed from durable aluminum, it features a glazed front door for easy monitoring of equipment.



Overview

High-Performance 42U Aluminum Network Cabinet

This 42U 19-inch network cabinet is engineered for robust equipment housing in demanding data center and IT environments. Built with a high-precision magnesium aluminum alloy structure, it offers exceptional durability and a static load capacity of 1500kg. The design features a tempered glazed front door for easy equipment monitoring and optimized ventilation rates exceeding 70% to maintain ideal operating temperatures.

Physical Specifications

Rack Unit	42 U
Static Load Capacity	1500 Kg
Ventilation Rate	70 %

Construction & Materials

Material Thickness

2.5 mm

General Structure

5 mm

Bearing Parts

Frame Material	Magnesium aluminum alloy (ADC12 die-casting)
Pillar Material	6063-T5 tensile aluminum

Doors & Access

Maximum Opening Angle

Door Location	Max Angle
Front Door	180°
Rear Door	130°

Front Door	Tempered glazed safety glass (5mm) with aluminum frame
Rear & Side Doors	Solid cold rolled steel (1.0-1.5mm)

Finishing & Options

Available Colors

Black (RAL 9005) • Black grey (RAL 7021) • Light grey (RAL 7035) • Signal black (RAL 9004)

Surface Treatment	Degrease pickling, Rust-proof, Parkering, Electrostatic spray, Fine sand blast
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