

2U Cabinet [640*430*120 RAL-7035] Recess Mount

Technical Specifications (Estimated)

Based on common features of 2U wall/recess mount cabinets, the following specifications apply.

- **Size (Rack Units):** 2U (accommodates standard 19-inch rack-mount equipment).
- **Dimensions:** Approximately **640 mm (W) x 430 mm (D) x 120 mm (H)**. Note that the 120mm is a low depth, allowing for shallow equipment or recessed installation.
- **Color:** Light Grey (**RAL 7035**), a standard color for networking equipment.
- **Material:** Typically uses a high-strength **sheet metal/mild steel** frame and panels, often with an electrostatic powder coating for durability and corrosion resistance.
- **Mounting:** Designed for **recess mount** (in-wall flush installation) or potentially surface wall mount applications.
- **Load Carrying Capacity:** Similar 2U wall cabinets typically have a load capacity of around **60 kg (132 lbs)**.
- **Door:**
 - Often features a **lockable front door** for security.
 - May include a transparent panel (e.g., 4mm tempered glass) for equipment monitoring.
 - Door opening angle is typically wide (e.g., 120°) and reversible (left or right opening).
- **Cable Entry:** Multiple pre-punched cable entry openings are standard, typically located on the top, bottom, and rear to facilitate convenient cable management.
- **Ventilation:** Includes ventilation slots to facilitate passive cooling, with provisions for adding optional fan units if active cooling is needed.
- **IP Rating:** Typically **IP20-rated**, providing protection against solid objects but not liquids.
- **Standards:** Often manufactured to comply with industry standards such as EIA/ECA-310-E, IEC 60297-2, and DIN 41494.

