

The Ritherdon RDS850 Cabinet is designed to meet the requirements of an exterior communications cabinet capable of mounting deeper 19 inch rack equipment with ample rack space (2x24 U capacity). RDS850 models feature a dual door design with a door on the front and back of the cabinet for maximum access during installation and maintenance. Each cabinet door is secured with a three-point locking mechanism, with an L-handle secured with a padlock and protected by a padlock shroud as standard. The Ritherdon Cabinet Range has been tested to BS EN 62208: 2011 and is CE certified according to the Low Voltage Directive 2006/95/EC (2016).



Figure 1 – An RDS850 in Dark Green

Table 1 - Product Range table showing dimensions and weight of each model

Model	External Dimensions			Working Depth mm	Cable Opening		Backboard Size		Weight (+ Plinth) kg
	Height mm	Width mm	Depth mm		Width mm	Depth mm	Height mm	Width mm	
RDS850	1280	850	650	645	760	512	550	500	

Standard colours include Black, Dark Grey, Light Grey and Dark Green, and a natural finish is also available for models using 304 & 316 stainless steel. All models available in 4003, 304 and 316 Grade Stainless Steel.

Features and Accessories

- **IP24 Rating** – Models with ventilation louvres (standard) are protected against +12.5 mm solid objects and water splashing according to BS EN 60529:1992 + A2:2013.
- **IK10 Rating** – Can withstand impact energy 20J according to IEC 62262.
- **19 Inch Rack x2** – Front and back with 48 U total rack mount space (24 U each) for mounting equipment.
- Three-point locking system operated using an L-handle, padlocked and protected by a shroud.
- Ventilation – Cabinet is ventilated using two intake vents and two exhaust vents on the sides.
- Optional plinth – Can be installed on a matching plinth or a suitable concrete base.
- Full perimeter door seal – Protects equipment from water ingress.
- Cable Entry – All models are open at the bottom for cable entry. Must be sealed with grout.
- Plywood Backboard – 12 mm backboard in each unit for mounting electrical equipment.
- Lifting Lugs – All models supplied with detachable lifting lugs.
- Automatic door stays with push button release.
- Optional accessories including:
 - Consumer Unit
 - Double socket and backbox in metal (2-gang, for 3 pin plugs)
 - Thermostat controlled heating and/or cooling.
 - Adjustable battery shelf.
 - A3 document holder.
 - LED light kit.