

Excel Environ WR500 Flat Packed Wall Rack  
Network Cabinet 12U 500 mm Deep Black

Item Code: WBFP12.5SGB



- Choice of depths available (390 mm, 500 mm, 600 mm)
- Available in Black or Grey
- Aesthetically pleasing framed safety glass front door (IK08 Glass doors)
- Quick release doors and side panel
- Adjustable front and rear 19" mounting profiles
- Removable cable entry panel in top and base

Product Overview

WBFP12.5SGB Excel Environ WR500 Wall Rack Network Cabinet Flat Packed 12U WxD 570 mm x 500mm Black, part of a huge range of Network Data Cabinets available from Mayflex. The Excel Environ WR is a range of wall-mounted 570 mm wide racks designed for the installation of both cabling and equipment.

The WR series of Wall Racks is available in depths of 390 mm, 500 mm and 600 mm and is suitable for multiple applications including local area networking (LAN) cabling and hardware, and the housing of security, audio and visual equipment.

Product Specifications

Feature	Values
Mounting Profile	Front and rear
Model	With permanent frame
Type of profile rail	L-shaped
Number of doors	1
Type of ventilation	Passive
Width	570 mm
Height	635 mm
Depth	500 mm

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Modular spacing	19 inch
Number of rack units (RU)	12
Max. load capacity	60 kg
With roof plate	yes
With earthing	no
With front door	yes
Side panels included	yes
Flat-packed	yes
Material	Steel
Type of surface	Powder coated
Colour	Black
RAL-number	9004
IP-rating	IP20

## Additional specifications

Features	Values
Frame	1.20 mm
Top cover and fan entry plate	1.20 mm
19" mounting angles	1.50 mm
Side panels	1.20 mm
Front door frame	1.20 mm
Front door glass	5.00 mm
Cable Entry Knock Out (Roof & Base)	230 mm x 45 mm

## Standards

Standard	Detail
BS EN 60297-3-100:2009	Mechanical structures for electronic equipment. Dimensions of mechanical structures of the 482,6 mm (19 in) series. Basic dimensions of front panels, subracks, chassis, racks and cabinets
BS 3193:2008	Specification for thermally toughened glass panels for use in domestic appliances
IEC 62262: 2002	Degrees of protection provided by enclosures for electrical

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equipment against external mechanical impacts (IK code)

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**excel**  
without compromise.

## Product images



- Aesthetically pleasing design with framed glass front door



- Lockable, quick release side panels, for maximum access into cabinet



- Cable entry cut out in top and base



- Angled vented roof



- Adjustable 19" mounting profiles

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## Exploded view



- 1 Slam latch lock
- 2 Side panel
- 3 Mounting panel
- 4 Cable entry cover, removeable
- 5 Side key lock
- 6 Fan cover, removeable
- 7 Mounting profile
- 8 Front door
- 9 Front door key lock

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Technical drawing of the front view of a vehicle body-in-white. The drawing shows the front profile of the vehicle, including the rear plate, rear profile, front profile, and front door. Key dimensions and features are labeled:

- Dimensions:**
  - 90 (Rear Plate to Rear Profile)
  - 310 (Rear Profile to Front Profile)
  - 90 (Front Profile to Front Door)
  - 20 (Distance between mounting holes on the rear profile)
  - 20 (Distance between mounting holes on the front profile)
- Features:**
  - Profile mounting faces:** Indicated by dashed lines and arrows pointing to the top of the rear and front profiles.
  - Profile mounting holes:** Indicated by circles and arrows pointing to the mounting points on the rear and front profiles.

All dimensions in mm

Part Number	Description
WB12.5SG	Excel Environ WR500 Wall Rack Network Data Cabinet 12U 500 mm Deep Grey
WB12.5SGB	Excel Environ WR500 Wall Rack Network Data Cabinet 12U 500 mm Deep Black
WB15.5SG	Excel Environ WR500 Wall Rack Network Data Cabinet 15U 500 mm Deep Grey
WB15.5SGB	Excel Environ WR500 Wall Rack Network Data Cabinet 15U 500 mm Deep Black
WB18.5SG	Excel Environ WR500 Wall Rack Network Data Cabinet 18U 500 mm Deep Grey
WB18.5SGB	Excel Environ WR500 Wall Rack Network Data Cabinet 18U 500 mm Deep Black
WB21.5SG	Excel Environ WR500 Wall Rack Network Data Cabinet 21U 500 mm Deep Grey
WB21.5SGB	Excel Environ WR500 Wall Rack Network Data Cabinet 21U 500 mm Deep Black
WB6.5SG	Excel Environ WR500 Wall Rack Network Data Cabinet 6U 500 mm Deep Grey

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Item Code: **WBFP12.5SGB**



WB6.5SGB	Excel Environ WR500 Wall Rack Network Data Cabinet 6U 500 mm Deep Black
WB9.5SG	Excel Environ WR500 Wall Rack Network Data Cabinet 9U 500 mm Deep Grey
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WBFP12.5SG	Excel Environ WR500 Flat Packed Wall Rack Network Cabinet 12U 500 mm Deep Grey
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WBFP15.5SG	Excel Environ WR500 Flat Packed Wall Rack Network Cabinet 15U 500 mm Deep Grey
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WBFP18.5SG	Excel Environ WR500 Flat Packed Wall Rack Network Cabinet 18U 500 mm Deep Grey
WBFP18.5SGB	Excel Environ WR500 Flat Packed Wall Rack Network Cabinet 18U 500 mm Deep Black
WBFP21.5SG	Excel Environ WR500 Flat Packed Wall Rack Network Cabinet 21U 500 mm Deep Grey
WBFP21.5SGB	Excel Environ WR500 Flat Packed Wall Rack Network Cabinet 21U 500 mm Deep Black
WBFP6.5SG	Excel Environ WR500 Flat Packed Wall Rack Network Cabinet 6U 500 mm Deep Grey
WBFP6.5SGB	Excel Environ WR500 Flat Packed Wall Rack Network Cabinet 6U 500 mm Deep Black
WBFP9.5SG	Excel Environ WR500 Flat Packed Wall Rack Network Cabinet 9U 500 mm Deep Grey
WBFP9.5SGB	Excel Environ WR500 Flat Packed Wall Rack Network Cabinet 9U 500 mm Deep Black

Excel is a world class premium performing end to end infrastructure solution designed, Manufactured, supported and delivered without compromise.

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