# Excel Environ WR500 Wall Rack Network Data Cabinet 18U 500 mm Deep Grey

Item Code: WB18.5SG



- 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

WB18.5SG Excel Environ WR500 Wall Rack Network Data Cabinet 18U WxD 570 mm x 500 mm Grey, 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 | 901 mm |
| Depth | 500 mm |

| | |
|---|---|
| Modular spacing | 19 inch |
| Number of rack units (RU) | 18 |
| Max. load capacity | 60 kg |
| With roof plate | yes |
| With earthing | no |
| With front door | yes |
| Side panels included | yes |
| Flat-packed | no |
| Material | Steel |
| Type of surface | Powder coated |
| Colour | Grey |
| RAL-number | 7035 |
| IP-rating | IP20 |

## Additional specifications

| Features | Values |
|---|---|
| Frame | 1.20mm |
| Top cover and fan entry plate | 1.20mm |
| 19” mounting angles | 1.50mm |
| Side panels | 1.20mm |
| Front door frame | 1.20mm |
| Front door glass | 5.00mm |
| 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 |

equipment against external mechanical impacts (IK code)

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## Product images



- Aesthetically pleasing design with framed glass front door

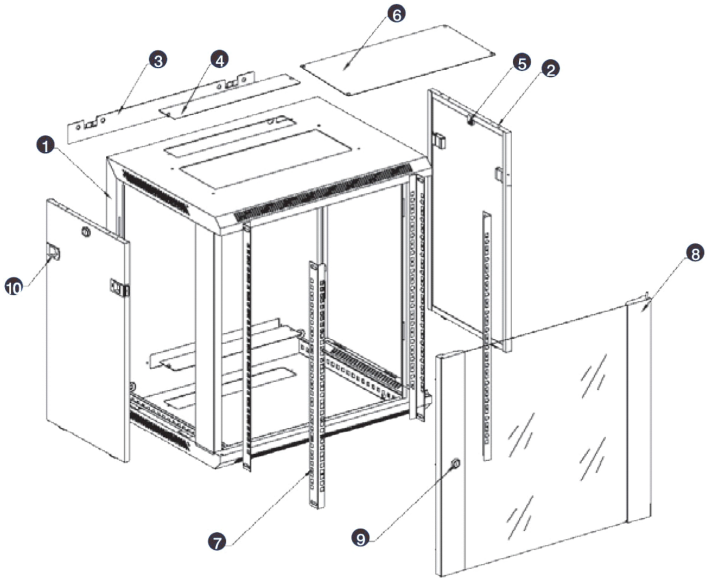


- Lockable, quick release side panels, for maximum access into cabinet

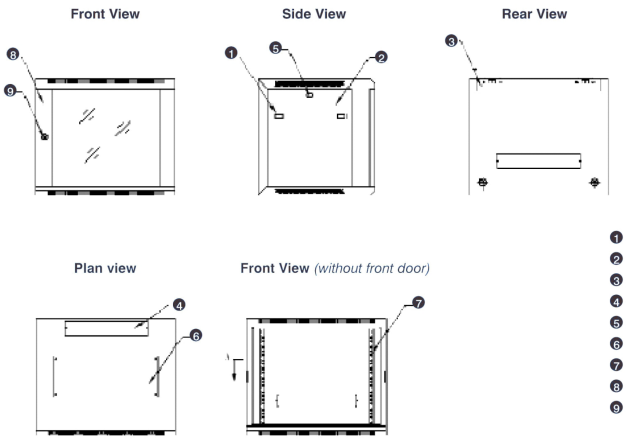


- Cable entry cut out in top and base
- Angled vented roof
- Adjustable 19" mounting profiles

## Exploded view

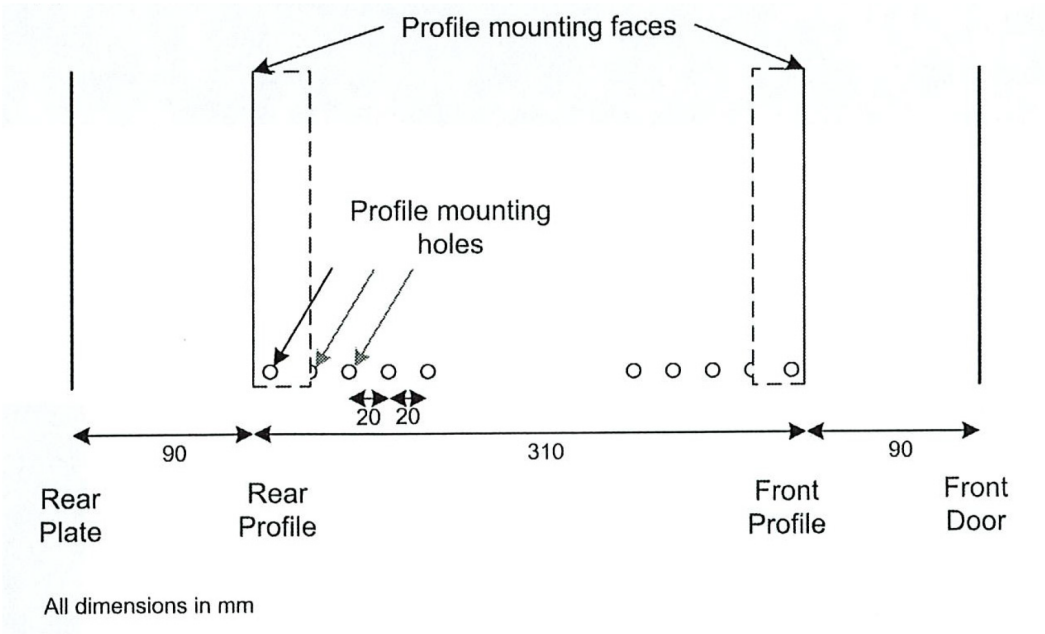


1. Frame
2. Side panel
3. Mounting panel
4. Cable entry cover, removeable
5. Side key lock
6. Fan cover, removeable
7. Mounting profile
8. Front door
9. Front door key lock
10. Slam latch lock




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

## Product drawings




## Part Number Table

| 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 |

| | |
|---|---|
| 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 |
| WB9.5SGB | Excel Environ WR500 Wall Rack Network Data Cabinet 9U 500 mm Deep Black |
| WBFP12.5SG | Excel Environ WR500 Flat Packed Wall Rack Network Cabinet 12U 500 mm Deep Grey |
| WBFP12.5SGB | Excel Environ WR500 Flat Packed Wall Rack Network Cabinet 12U 500 mm Deep Black |
| WBFP15.5SG | Excel Environ WR500 Flat Packed Wall Rack Network Cabinet 15U 500 mm Deep Grey |
| WBFP15.5SGB | Excel Environ WR500 Flat Packed Wall Rack Network Cabinet 15U 500 mm Deep Black |
| 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.

Contact us at sales@excel-networking.com

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