

# Environ CR800 42U Rack 800x1000mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White

Item Code: 542-42810-GSBF-GW

**excel**  
without compromise.



✕ Choice of doors/depths/colours available

✕ 19" profiles marked with U height position

✕ Large cut out in base for cable entry

✕ Brush strip cable entry in roof and base of rack

✕ IP20 when fitted with base plate

✕ Racks supplied assembled or flat packed

## Product Overview

Environ CR800 Comms Racks are a versatile range of 800mm wide racks with features suitable for a wide range of applications within the data, security, audio visual and telecommunications markets.

## Product Specifications

| Feature                   | Values     |
|---------------------------|------------|
| Number of rack units (RU) | 42         |
| Model                     | Comms Rack |
| Width                     | 800 mm     |
| Depth                     | 1000 mm    |
| Height                    | 2070 mm    |
| Colour                    | Grey       |
| Number of doors           | 2          |
| Front door material       | Glass      |
| Front door locking system | One point  |
| Rear door material        | Steel      |
| Rear door locking system  | One point  |

# Environ CR800 42U Rack 800x1000mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White

Item Code: 542-42810-GSBF-GW



|                      |                |
|----------------------|----------------|
| Max. load capacity   | 600 kg         |
| Material             | Steel          |
| Type of surface      | Powder coated  |
| Type of ventilation  | Passive        |
| IP-rating            | N/A            |
| RAL-number           | 9002           |
| Mounting Profile     | Front and rear |
| Type of profile rail | L-shaped       |
| Modular spacing      | 19 inch        |

## Additional specifications

| Features                       | Values                   |
|--------------------------------|--------------------------|
| Material                       | SPCC Cold Rolled Steel   |
| 19" Rails                      | 2.0 mm thick             |
| Side Panels                    | 1.0 mm thick             |
| Other                          | 1.2 mm thick             |
| Front door                     | Swing handle cam lock    |
| Rear door                      | Barrel lock              |
| Side panels lock               | Single point barrel lock |
| Jacking feet additional height | 50-80 mm                 |
| Castors additional height      | 70 mm                    |

## Standards

| Standard               | Detail  |
|------------------------|---|
| ANSI/EIA-310-E         | Electronic Industries Association standard for horizontal spacing, vertical hole spacing, rack opening and front panel width  |
| 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 |
| DIN 41494 Part 1 & 7   | Panel Mounting Racks For Electronics Equipments; Racks And Panels, Dimensions; Dimensions of cabinets and suites of racks   |

Environ CR800 42U Rack 800x1000mm Glass (F)  
Steel (R) B/Panels F/Mgmt Grey White

Item Code: 542-42810-GSBF-GW

**excel**  
without compromise.

### Product images



Four-way brush entry roof panel



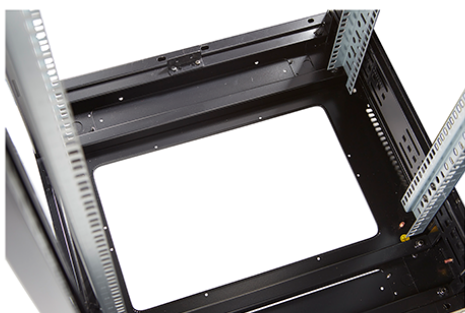
Quick-slam latch side panels



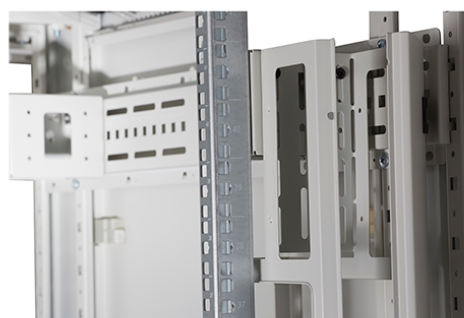
Swing handle glass front door



Steel rear door



Large base entry



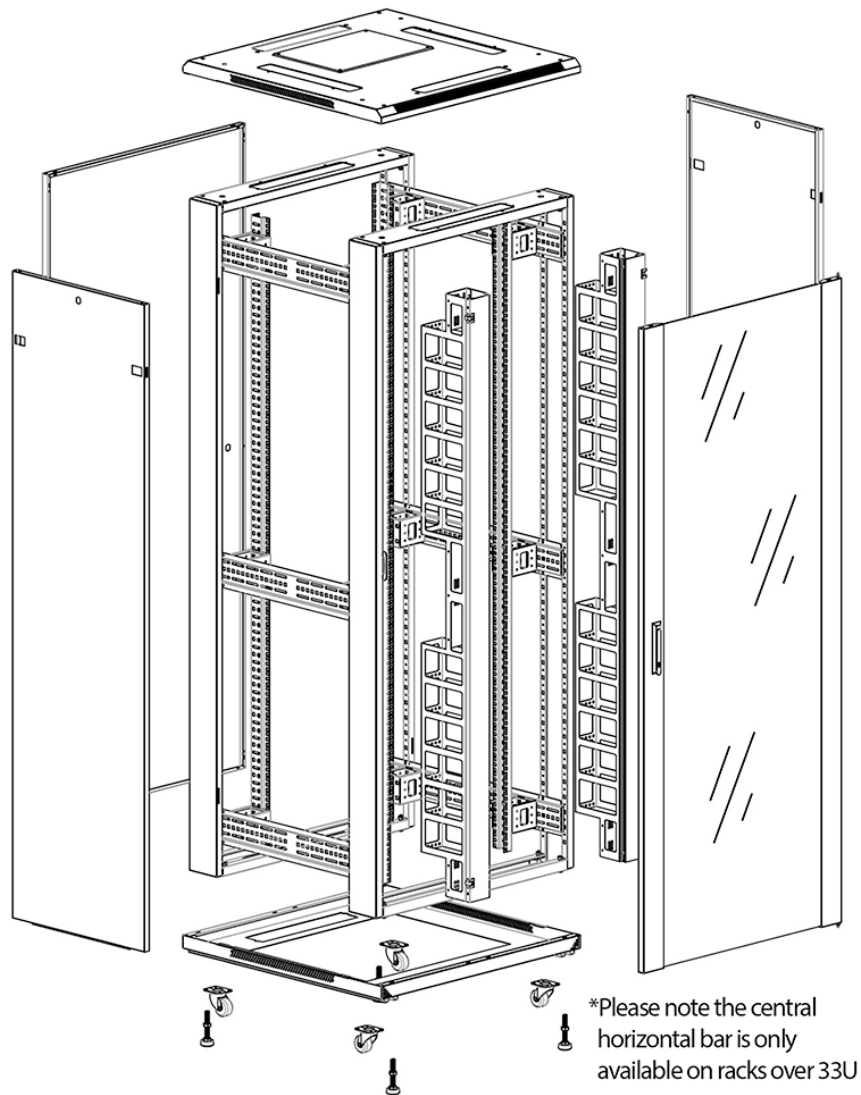
High-density vertical cable management

Environ CR800 42U Rack 800x1000mm Glass (F)  
Steel (R) B/Panels F/Mgmt Grey White

Item Code: 542-42810-GSBF-GW

**excel**  
without compromise.

### Product drawings

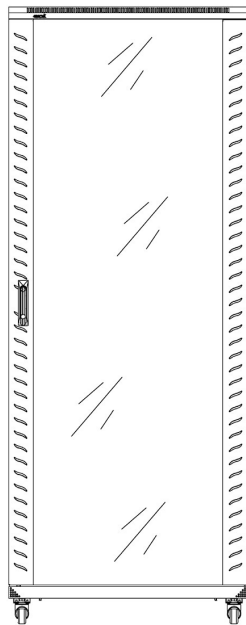


# Environ CR800 42U Rack 800x1000mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White

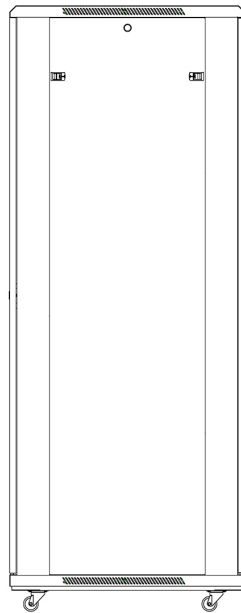
Item Code: 542-42810-GSBF-GW



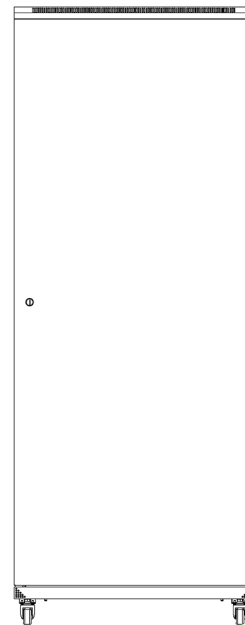
## Product drawings



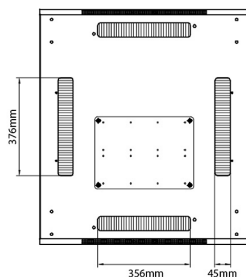
Front



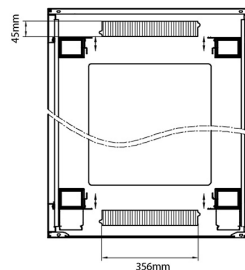
Side



Rear



Roof



Base

### Base Cut Out Dimensions

580 mm Wide  
by  
276 mm Deep (600 mm deep rack)  
476 mm Deep (800 mm deep rack)  
676 mm Deep (1000 mm deep rack)

## Part Number Table

| Part Number         | Description   |
|---------------------|---|
| 542-2486-GSBF-BK    | Environ CR800 24U Rack 800x600mm Glass (F) Steel (R) B/Panels F/Mgmt Black          |
| 542-2486-GSBF-BK-FP | Environ CR800 24U Rack 800x600mm Glass (F) Steel (R) B/Panels F/Mgmt Black - F/Pack |

# Environ CR800 42U Rack 800x1000mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White

Item Code: 542-42810-GSBF-GW



|                      |   |
|----------------------|---|
| 542-2486-GSBF-GW     | Environ CR800 24U Rack 800x600mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White           |
| 542-2486-GSBF-GW-FP  | Environ CR800 24U Rack 800x600mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White - F/Pack  |
| 542-2488-GSBF-BK     | Environ CR800 24U Rack 800x800mm Glass (F) Steel (R) B/Panels F/Mgmt Black                |
| 542-2488-GSBF-BK-FP  | Environ CR800 24U Rack 800x800mm Glass (F) Steel (R) B/Panels F/Mgmt Black - F/Pack       |
| 542-2488-GSBF-GW     | Environ CR800 24U Rack 800x800mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White           |
| 542-2488-GSBF-GW-FP  | Environ CR800 24U Rack 800x800mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White - F/Pack  |
| 542-29810-GSBF-BK    | Environ CR800 29U Rack 800x1000mm Glass (F) Steel (R) B/Panels F/Mgmt Black               |
| 542-29810-GSBF-BK-FP | Environ CR800 29U Rack 800x1000mm Glass (F) Steel (R) B/Panels F/Mgmt Black - F/Pack      |
| 542-29810-GSBF-GW    | Environ CR800 29U Rack 800x1000mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White          |
| 542-29810-GSBF-GW-FP | Environ CR800 29U Rack 800x1000mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White - F/Pack |
| 542-2986-GSBF-BK     | Environ CR800 29U Rack 800x600mm Glass (F) Steel (R) B/Panels F/Mgmt Black                |
| 542-2986-GSBF-BK-FP  | Environ CR800 29U Rack 800x600mm Glass (F) Steel (R) B/Panels F/Mgmt Black - F/Pack       |
| 542-2986-GSBF-GW     | Environ CR800 29U Rack 800x600mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White           |
| 542-2986-GSBF-GW-FP  | Environ CR800 29U Rack 800x600mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White - F/Pack  |
| 542-2988-GSBF-BK     | Environ CR800 29U Rack 800x800mm Glass (F) Steel (R) B/Panels F/Mgmt Black                |
| 542-2988-GSBF-BK-FP  | Environ CR800 29U Rack 800x800mm Glass (F) Steel (R) B/Panels F/Mgmt Black - F/Pack       |
| 542-2988-GSBF-GW     | Environ CR800 29U Rack 800x800mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White           |
| 542-2988-GSBF-GW-FP  | Environ CR800 29U Rack 800x800mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White - F/Pack  |
| 542-33810-GSBF-BK    | Environ CR800 33U Rack 800x1000mm Glass (F) Steel (R) B/Panels F/Mgmt Black               |
| 542-33810-GSBF-BK-FP | Environ CR800 33U Rack 800x1000mm Glass (F) Steel (R) B/Panels F/Mgmt Black - F/Pack      |

# Environ CR800 42U Rack 800x1000mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White

Item Code: 542-42810-GSBF-GW



|                      |   |
|----------------------|---|
| 542-33810-GSBF-GW    | Environ CR800 33U Rack 800x1000mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White          |
| 542-33810-GSBF-GW-FP | Environ CR800 33U Rack 800x1000mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White - F/Pack |
| 542-3386-GSBF-BK     | Environ CR800 33U Rack 800x600mm Glass (F) Steel (R) B/Panels F/Mgmt Black                |
| 542-3386-GSBF-BK-FP  | Environ CR800 33U Rack 800x600mm Glass (F) Steel (R) B/Panels F/Mgmt Black - F/Pack       |
| 542-3386-GSBF-GW     | Environ CR800 33U Rack 800x600mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White           |
| 542-3386-GSBF-GW-FP  | Environ CR800 33U Rack 800x600mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White - F/Pack  |
| 542-3388-GSBF-BK     | Environ CR800 33U Rack 800x800mm Glass (F) Steel (R) B/Panels F/Mgmt Black                |
| 542-3388-GSBF-BK-FP  | Environ CR800 33U Rack 800x800mm Glass (F) Steel (R) B/Panels F/Mgmt Black - F/Pack       |
| 542-3388-GSBF-GW     | Environ CR800 33U Rack 800x800mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White           |
| 542-3388-GSBF-GW-FP  | Environ CR800 33U Rack 800x800mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White - F/Pack  |
| 542-42810-GSBF-BK    | Environ CR800 42U Rack 800x1000mm Glass (F) Steel (R) B/Panels F/Mgmt Black               |
| 542-42810-GSBF-BK-FP | Environ CR800 42U Rack 800x1000mm Glass (F) Steel (R) B/Panels F/Mgmt Black - F/Pack      |
| 542-42810-GSBF-GW    | Environ CR800 42U Rack 800x1000mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White          |
| 542-42810-GSBF-GW-FP | Environ CR800 42U Rack 800x1000mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White - F/Pack |
| 542-4286-GSBF-BK     | Environ CR800 42U Rack 800x600mm Glass (F) Steel (R) B/Panels F/Mgmt Black                |
| 542-4286-GSBF-BK-FP  | Environ CR800 42U Rack 800x600mm Glass (F) Steel (R) B/Panels F/Mgmt Black - F/Pack       |
| 542-4286-GSBF-GW     | Environ CR800 42U Rack 800x600mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White           |
| 542-4286-GSBF-GW-FP  | Environ CR800 42U Rack 800x600mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White - F/Pack  |
| 542-4288-GSBF-BK     | Environ CR800 42U Rack 800x800mm Glass (F) Steel (R) B/Panels F/Mgmt Black                |
| 542-4288-GSBF-BK-FP  | Environ CR800 42U Rack 800x800mm Glass (F) Steel (R) B/Panels F/Mgmt Black - F/Pack       |
| 542-4288-GSBF-GW     | Environ CR800 42U Rack 800x800mm Glass (F) Steel (R) B/Panels F/Mgmt                      |

# Environ CR800 42U Rack 800x1000mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White

Item Code: 542-42810-GSBF-GW



Grey White

|                      |   |
|----------------------|---|
| 542-4288-GSBF-GW-FP  | Environ CR800 42U Rack 800x800mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White - F/Pack  |
| 542-47810-GSBF-BK    | Environ CR800 47U Rack 800x1000mm Glass (F) Steel (R) B/Panels F/Mgmt Black               |
| 542-47810-GSBF-BK-FP | Environ CR800 47U Rack 800x1000mm Glass (F) Steel (R) B/Panels F/Mgmt Black - F/Pack      |
| 542-47810-GSBF-GW    | Environ CR800 47U Rack 800x1000mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White          |
| 542-47810-GSBF-GW-FP | Environ CR800 47U Rack 800x1000mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White - F/Pack |
| 542-4786-GSBF-BK     | Environ CR800 47U Rack 800x600mm Glass (F) Steel (R) B/Panels F/Mgmt Black                |
| 542-4786-GSBF-BK-FP  | Environ CR800 47U Rack 800x600mm Glass (F) Steel (R) B/Panels F/Mgmt Black - F/Pack       |
| 542-4786-GSBF-GW     | Environ CR800 47U Rack 800x600mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White           |
| 542-4786-GSBF-GW-FP  | Environ CR800 47U Rack 800x600mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White - F/Pack  |
| 542-4788-GSBF-BK     | Environ CR800 47U Rack 800x800mm Glass (F) Steel (R) B/Panels F/Mgmt Black                |
| 542-4788-GSBF-BK-FP  | Environ CR800 47U Rack 800x800mm Glass (F) Steel (R) B/Panels F/Mgmt Black - F/Pack       |
| 542-4788-GSBF-GW     | Environ CR800 47U Rack 800x800mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White           |
| 542-4788-GSBF-GW-FP  | Environ CR800 47U Rack 800x800mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White - F/Pack  |

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](mailto:sales@excel-networking.com)



E&OE. Excel is a registered trade name of Mayflex Holdings Ltd.