

# Environ CR800 24U Rack 800x800mm Glass (F) Steel (R) B/Panels F/Mgmt Black

Part Code: 542-2488-GSBF-BK

sales@excel-networking.com  
excel-networking.com



## Main Features

- / Choice of doors/depths/colours available
- / Large cut out in base for cable entry
- / IP20 when fitted with base plate
- / 19" profiles marked with U height position
- / Brush strip cable entry in roof and base of rack
- / 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 |
|---------|--------|
|---------|--------|

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|                                |                |
|--------------------------------|----------------|
| Mounting Profile               | Front and rear |
| Type of profile rail           | L-shaped       |
| Number of doors                | 2              |
| Type of ventilation            | Passive        |
| Width                          | 800 mm         |
| Height                         | 1270 mm        |
| Depth                          | 800 mm         |
| Modular spacing                | 19 inch        |
| Number of rack units (RU)      | 24             |
| Max. load capacity             | 800 kg         |
| With roof plate                | yes            |
| With earthing                  | yes            |
| With front door                | yes            |
| Front door material            | Glass          |
| Front door locking system      | One point      |
| With rear door                 | yes            |
| Rear door material             | Steel          |
| Rear door locking system       | One point      |
| Side panels included           | yes            |
| With vertical cable management | yes            |
| Material                       | Steel          |
| Type of surface                | Powder coated  |
| Colour                         | Black          |
| RAL-number                     | 9004           |
| Flat-packed                    | no             |

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|             |                     |
|-------------|---------------------|
| IP-rating   | IP20                |
| Application | Communications Rack |

## 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 |

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|                                    |  |
|------------------------------------|--|
| DIN 41494 Part 1 & 7               | Panel Mounting Racks For Electronics Equipments; Racks And Panels, Dimensions; Dimensions of cabinets and suites of racks  |
| Directive 2011/65/EU (RoHS II)     | Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment — compliant. Applies within EU member states).   |
| Directive (EU) 2015/863 (RoHS III) | Amending Directive 2011/65/EU to add four phthalates (DEHP, BBP, DBP, DIBP) to Annex II — compliant.   |
| Directive 2008/98/EC (WFD)         | Waste Framework Directive — compliant. Implemented in the UK through the Waste (England and Wales) Regulations 2011 (SI 2011 No. 988).   |
| ECHA SCIP Database                 | Compliant; product does not contain SVHCs (Substances of Very High Concern) as defined under REACH Article 33(1). Submission obligations met under EU REACH and UK REACH.  |
| Regulation (EU) 2019/1021 (POPs)   | EU Regulation on Persistent Organic Pollutants — compliant. For Great Britain, compliance is aligned with the Persistent Organic Pollutants (Amendment) (EU Exit) Regulations 2020 (SI 2020 No. 1355).   |
| UK SI 2012 No. 3032                | The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (UK RoHS) — compliant for Great Britain. Retained EU law, as amended by the Product Safety and Metrology (Amendment etc.) (EU Exit) Regulations 2019. |

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Product images



Four-way brush entry roof panel



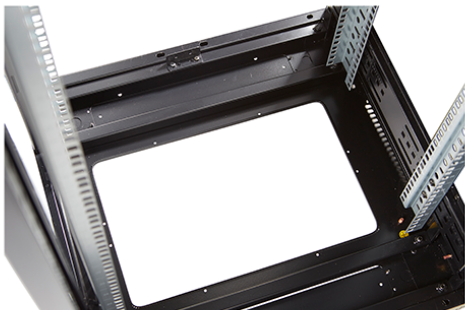
Quick-slam latch side panels



Swing handle glass front door



Steel rear door



Large base entry



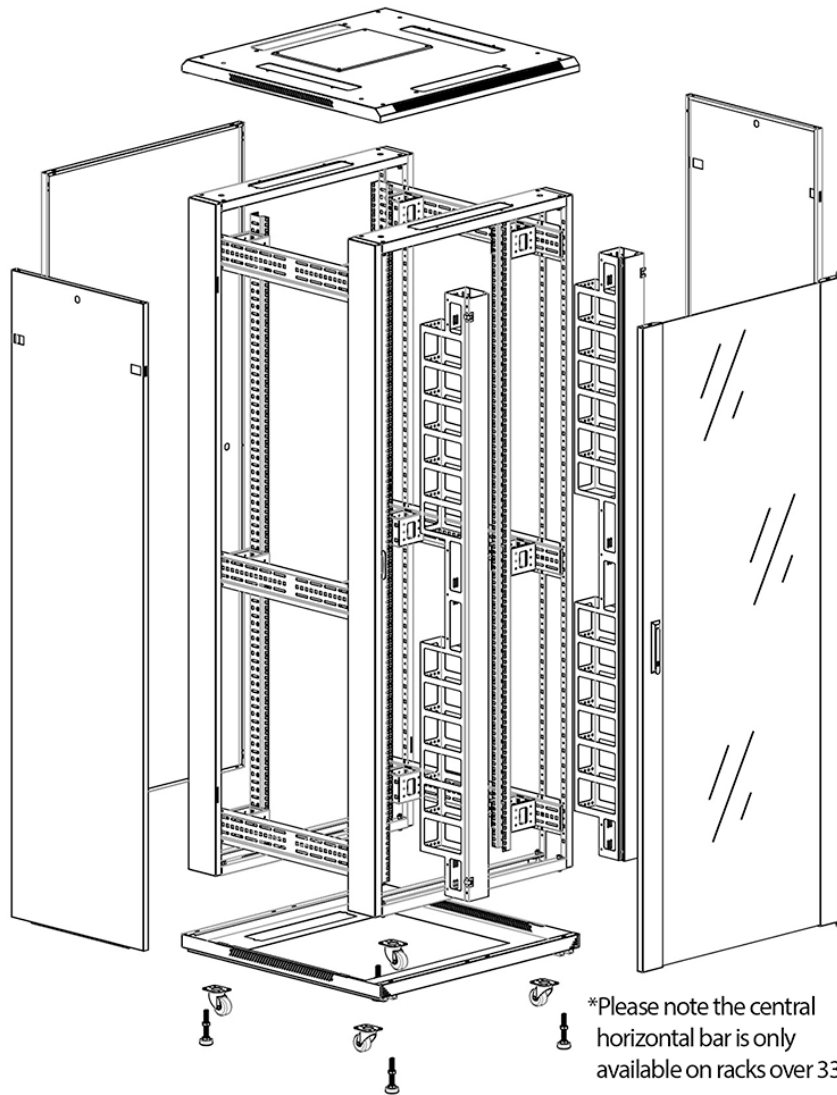
High-density vertical cable management

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Product drawings



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## Product drawings



Front



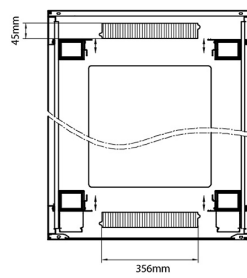
Side



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)

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## Part Code Table

| Part Code            | Description   |
|----------------------|---|
| 542-1588-GSBF-BK     | Environ CR600 15U Rack 800x800 mm Glass (F) Steel (R) B/Panels Fr/Mgmt Black              |
| 542-2088-GSBF-BK     | Environ CR800 20U Rack 800x800 mm Glass (F) Steel (R) B/Panels Fr/Mgmt Black              |
| 542-24810-GSBF-BK    | Environ CR800 24U Rack 800x1000 mm Glass (F) Steel (R) B/Panels Fr/Mgmt Black             |
| 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 Flat Pack      |
| 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 Flat 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 Flat 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 Flat 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 Flat Pack     |
| 542-29810-GSBF-GW    | Environ CR800 29U Rack 800x1000mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White          |

# Environ CR800 24U Rack 800x800mm Glass (F) Steel (R) B/Panels F/Mgmt Black

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|                      |  |
|----------------------|--|
| 542-29810-GSBF-GW-FP | Environ CR800 29U Rack 800x1000mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White Flat 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 Flat 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 Flat 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 Flat 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 Flat 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 Flat Pack      |
| 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 Flat 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 Flat 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                  |

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## White Flat 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 Flat 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 Flat 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 Flat 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 Flat 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 Flat 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 Flat Pack  |
| 542-4288-GSBF-BK     | Environ CR800 42U Rack 800x800mm Glass (F) Steel (R) B/Panels F/Mgmt Black                 |
| 542-4288-GSBF-BK-FP  | Excel Environ CR800 42U Rack 800x800mm Glass (F) Steel (R) B/Panels F/Mgmt Black Flat Pack |
| 542-4288-GSBF-GW     | Environ CR800 42U Rack 800x800mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White            |
| 542-4288-GSBF-GW-FP  | Environ CR800 42U Rack 800x800mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White Flat Pack  |

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