

# Excel Environ CR800 42U Rack 800x800mm Glass (F) Steel (R) B/Panels F/Mgmt Black Flat Pack

Part Code: 542-4288-GSBF-BK-FP

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

CIBSE TM65 Embodied Carbon: 784.912 kg CO2e



## Main Features

- / A selection of doors, depths, and colours are available
- / Brush strip cable entry in roof and base of rack
- / Racks supplied assembled or flat packed
- / 19" profiles marked with U height position
- / IP20 when fitted with base plate
- / Supplied with baying kit, levelling feet and heavy duty lockable castors as standard

## Product Overview

Environ CR800 comms racks are a versatile range of 800 mm 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	2070 mm
Depth	800 mm
Modular spacing	19 inch
Number of rack units (RU)	42
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	yes

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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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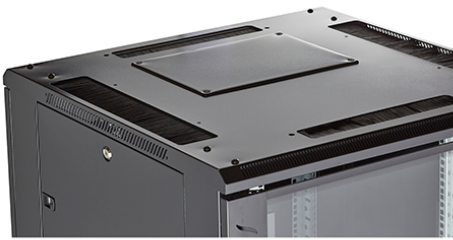
DIN 41494 Part 1 & 7	Panel Mounting Racks For Electronics Equipments; Racks And Panels, Dimensions; Dimensions of cabinets and suites of racks
Directive 2011/65/EU (RoHS II)	Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment — compliant. Applies within EU member 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



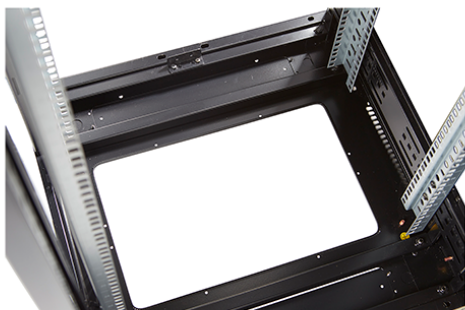
Quick-slam latch side panels



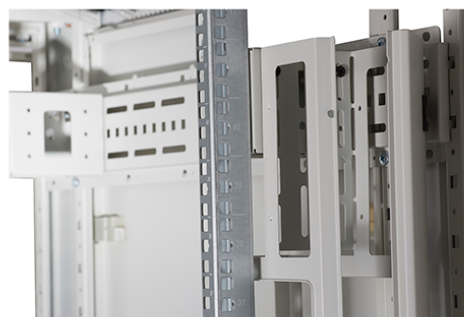
Swing handle glass front door



Steel rear door



Large base entry



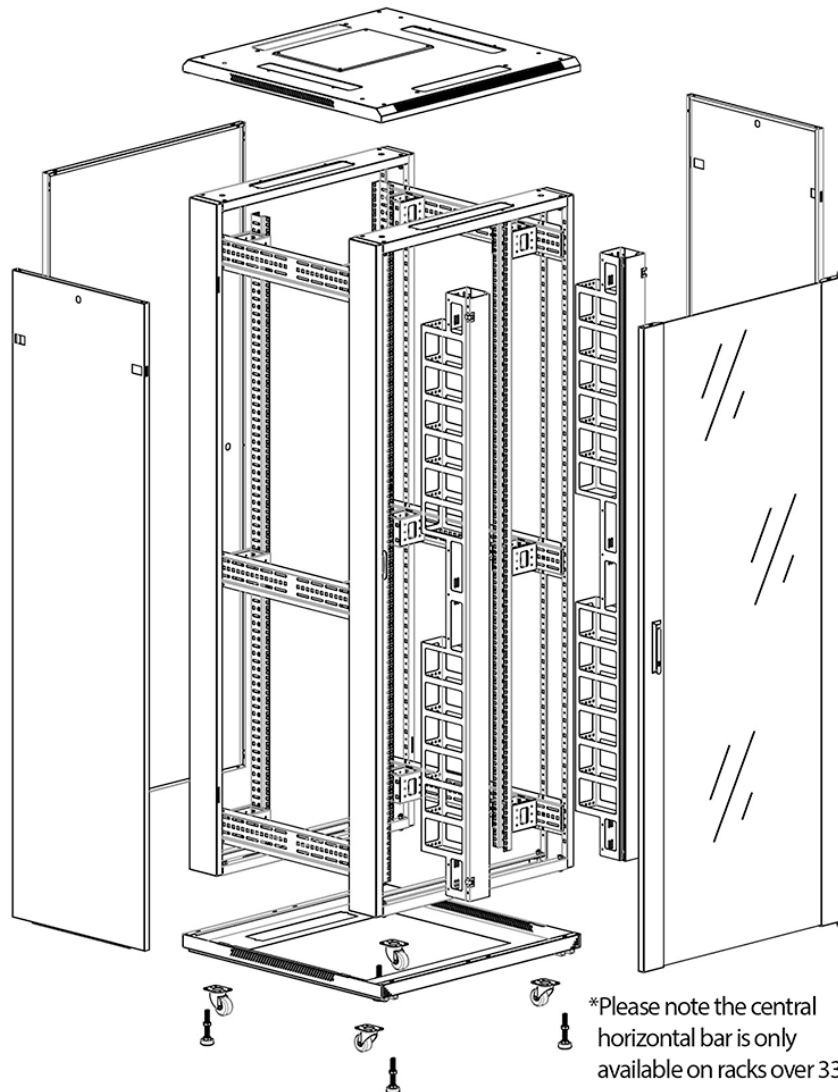
High-density vertical cable management

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## Product drawings



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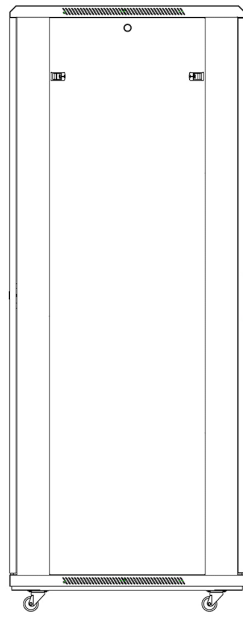
Part Code: 542-4288-GSBF-BK-FP

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## Product drawings



Front



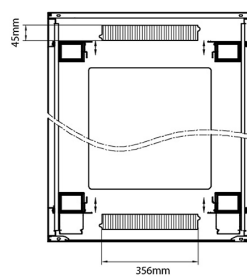
Side



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

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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
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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
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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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