

# Environ ER800 47U Rack 800x800mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Black

Item Code: 542-4788-DDBF-BK

**excel**  
without compromise.



Bespoke configuration / double doors front and rear

Choice of depths and 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

70% ventilation on all doors

Racks supplied assembled or flat-packed

## Product Overview

Environ ER800 Equipment 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         |
|----------------------|----------------|
| Mounting Profile     | Front and rear |
| Type of profile rail | L-shaped       |
| Number of doors      | 2              |
| Type of ventilation  | Passive        |
| Width                | 800 mm         |
| Height               | 2207 mm        |
| Depth                | 800 mm         |
| Modular spacing      | 19 inch        |

# Environ ER800 47U Rack 800x800mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Black

Item Code: 542-4788-DDBF-BK



|                                |                |
|--------------------------------|----------------|
| Number of rack units (RU)      | 47             |
| Max. load capacity             | 800 kg         |
| With roof plate                | yes            |
| With earthing                  | yes            |
| With front door                | yes            |
| Front door material            | Steel          |
| Front door locking system      | Two-point      |
| With rear door                 | yes            |
| Rear door material             | Steel          |
| Rear door locking system       | Two-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             |
| IP-rating                      | N/A            |
| Application                    | Equipment Rack |

## Additional specifications

| Specifications                 | 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                     | Handle cam lock          |
| Rear door                      | Handle cam lock          |
| Side panels lock               | Single point barrel lock |
| Jacking feet additional height | 50-80 mm                 |
| Castors additional height      | 70 mm                    |

# Environ ER800 47U Rack 800x800mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Black

Item Code: 542-4788-DDBF-BK



## 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  |
| 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. |

## Part Number Table

| Part Number          | Description   |
|----------------------|---|
| 542-29810-DDBF-BK    | Environ ER800 29U Rack 800x1000mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Black           |
| 542-29810-DDBF-BK-FP | Environ ER800 29U Rack 800x1000mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Black Flat Pack |

# Environ ER800 47U Rack 800x800mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Black

Item Code: 542-4788-DDBF-BK



|                      |  |
|----------------------|--|
| 542-29810-DDBF-GW    | Environ ER800 29U Rack 800x1000mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White           |
| 542-29810-DDBF-GW-FP | Environ ER800 29U Rack 800x1000mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White - F/Pack  |
| 542-2986-DDBF-BK     | Environ ER800 29U Rack 800x600mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Black                 |
| 542-2986-DDBF-BK-FP  | Environ ER800 29U Rack 800x600mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Black Flat Pack       |
| 542-2986-DDBF-GW     | Environ ER800 29U Rack 800x600mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White            |
| 542-2986-DDBF-GW-FP  | Environ ER800 29U Rack 800x600mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White - F/Pack   |
| 542-2988-DDBF-BK     | Environ ER800 29U Rack 800x800mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Black                 |
| 542-2988-DDBF-BK-FP  | Environ ER800 29U Rack 800x800mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Black Flat Pack       |
| 542-2988-DDBF-GW     | Environ ER800 29U Rack 800x800mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White            |
| 542-2988-DDBF-GW-FP  | Environ ER800 29U Rack 800x800mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White Flat Pack  |
| 542-42810-DDBF-BK    | Environ ER800 42U Rack 800x1000mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Black                |
| 542-42810-DDBF-BK-FP | Environ ER800 42U Rack 800x1000mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Black Flat Pack      |
| 542-42810-DDBF-GW    | Environ ER800 42U Rack 800x1000mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White           |
| 542-42810-DDBF-GW-FP | Environ ER800 42U Rack 800x1000mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White Flat Pack |
| 542-42812-DDBF-BK    | Environ ER800 42U Rack 800x1200mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Black                |
| 542-42812-DDBF-BK-FP | Environ ER800 42U Rack 800x1200mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Black - F/Pack       |
| 542-4286-DDBF-BK     | Environ ER800 42U Rack 800x600mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Black                 |
| 542-4286-DDBF-BK-FP  | Environ ER800 42U Rack 800x600mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Black Flat Pack       |
| 542-4286-DDBF-GW     | Environ ER800 42U Rack 800x600mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White            |
| 542-4286-DDBF-GW-FP  | Environ ER800 42U Rack 800x600mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White Flat Pack  |

# Environ ER800 47U Rack 800x800mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Black

Item Code: 542-4788-DDBF-BK



|                      |   |
|----------------------|---|
| 542-4288-DDBF-BK     | Environ ER800 42U Rack 800x800mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Black                |
| 542-4288-DDBF-BK-FP  | Environ ER800 42U Rack 800x800mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Black Flat Pack      |
| 542-4288-DDBF-GW     | Environ ER800 42U Rack 800x800mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White           |
| 542-4288-DDBF-GW-FP  | Environ ER800 42U Rack 800x800mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White Flat Pack |
| 542-47810-DDBF-BK    | Environ ER800 47U Rack 800x1000mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Black               |
| 542-47810-DDBF-BK-FP | Environ ER800 47U Rack 800x1000mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Black Flat Pack     |
| 542-47810-DDBF-GW    | Environ ER800 47U Rack 800x1000mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White          |
| 542-47810-DDBF-GW-FP | Environ ER800 47U Rack 800x1000mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White - F/Pack |
| 542-4786-DDBF-BK     | Environ ER800 47U Rack 800x600mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Black                |
| 542-4786-DDBF-BK-FP  | Environ ER800 47U Rack 800x600mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Black - F/Pack       |
| 542-4786-DDBF-GW     | Environ ER800 47U Rack 800x600mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White           |
| 542-4786-DDBF-GW-FP  | Environ ER800 47U Rack 800x600mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White - F/Pack  |
| 542-4788-DDBF-BK     | Environ ER800 47U Rack 800x800mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Black                |
| 542-4788-DDBF-BK-FP  | Environ ER800 47U Rack 800x800mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Black Flat Pack      |
| 542-4788-DDBF-GW     | Environ ER800 47U Rack 800x800mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White           |
| 542-4788-DDBF-GW-FP  | Environ ER800 47U Rack 800x800mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White Flat 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.