



## 19"-Rack Cabinet 42RU

The 42RU rack Cabinet is used for the housing of active or passive equipment, visible from the outside and protected by a safe steel lockable structure. Compatible with optical fiber, data cables or coaxial cable installations, it allows the grouping of different technologies in a single cabinet. It is suitable for GPON headends installation, where the infrastructure requires greater depth (up to 800mm depth). The rack is equipped with depth-adjustable side profiles, which allow the installation of different types of panels or equipment. It has a front and rear door, reversible and removable with flexible adjustment, which facilitates working in the rack. The tempered glass front door allows viewing the status of the devices without opening the rack. It also has push-button removable side doors for access to the rack interior through the sides, an advantage when configuring rear connections.

Designed for floor installation. It includes 4 screw-on legs, they allow height regulation, from 45 to 80mm, simplifying the adjustment on inclined or uneven surfaces

Dimensions (W x H x D): 800mm x 2010mm x 800mm

Weight: 115kg

---

|                     |               |
|---------------------|---------------|
| <b>Ref.</b>         | 533144        |
| <b>Logical ref.</b> | MSR1942-88    |
| <b>EAN13</b>        | 8424450237373 |

---

## Other features

---

**Supply method** Assembled

**Rack depth** 800mm

**Height (RU)** 42RU

**Perforated doors**

## Packaging info

---

**Pallet** 1 pcs.

## Physical data

---

**Net weight** 116,000.00 g

**Gross weight** 141,000.00 g

**Width** 800.00 mm

**Height** 2,010.00 mm

**Depth** 800.00 mm

**Main product weight** 116,000.00 g

## Highlights

---

- High strength and durability: made of steel, with a coating based on polyester resins and lead-free pigments
- Safety: Tempered glass, lockable hinged front door
- Laser marking: numerical identification of each "RU"
- Horizontal cable guides: 1U cable panels located at the top and bottom of the cabinet to lead cabling from one side to the other and facilitate connections
- Vertical cable guides: 10 cm of extra space on each side of the rack for easy cable passage and cable management
- A 120x120mm ventilation kit can be incorporated for the installation of active equipment, such as headends

## Discover

---

### Compatibility of our racks with wheels:

| Ref              | Height | Dimensions  | Mounting       | Compatible with wheels |
|------------------|--------|-------------|----------------|------------------------|
| 533105<br>533106 | 6RU    | 600x450 mm  | Wall and Floor | -                      |
| 533107<br>533108 | 8RU    |             |                |                        |
| 533112<br>533113 | 13RU   |             |                |                        |
| 533114<br>533115 | 15RU   |             |                |                        |
| 533116           | 15RU   | 600x600 mm  | Floor          | Ok                     |
| 533118           | 18RU   | 600x600 mm  |                |                        |
| 533122           | 22RU   |             |                |                        |
| 533127           | 27RU   |             |                |                        |
| 533132           | 32RU   |             |                |                        |
| 533137           | 37RU   | 600x800 mm  |                |                        |
| 533134           | 32RU   |             |                |                        |
| 533139           | 37RU   |             |                |                        |
| 533142           | 42RU   | 800x800 mm  |                |                        |
| 533128           | 27RU   |             |                |                        |
| 533144<br>533145 | 42RU   | 800x1000 mm |                |                        |
| 533146<br>533147 | 42RU   |             |                |                        |

## Recommended ventilation systems for racks:

All our racks are equipped with natural ventilation, but in most cases this is not sufficient as high temperatures can affect the performance of the individual parts of the connection. We therefore recommend installing a **forced ventilation system**.

Our fans are for ceiling installation because they take advantage of the natural upward flow of warm air by placing them at the top of the enclosure.

The compatibility between our racks and fans is described below.

| Ref              | Height | Dimensions  | Mounting       | Fan    |
|------------------|--------|-------------|----------------|--------|
| 533105<br>533106 | 6RU    | 600x450 mm  | Wall and Floor | 533174 |
| 533107<br>533108 | 8RU    |             |                |        |
| 533112<br>533113 | 13RU   |             |                |        |
| 533114<br>533115 | 15RU   |             |                |        |
| 533116           | 15RU   | 600x600 mm  | Floor          | 533175 |
| 533118           | 18RU   | 600x600 mm  |                |        |
| 533122           | 22RU   |             |                |        |
| 533127           | 27RU   |             |                |        |
| 533132           | 32RU   |             |                |        |
| 533137           | 37RU   | 600x800 mm  |                |        |
| 533134           | 32RU   |             |                |        |
| 533139           | 37RU   |             |                |        |
| 533142           | 42RU   | 800x800 mm  |                |        |
| 533128           | 27RU   |             |                |        |
| 533144<br>533145 | 42RU   | 800x1000 mm |                |        |
| 533146<br>533147 | 42RU   |             |                |        |

## Technical specifications : Ref. 533144

|                                  |    |                      |
|----------------------------------|----|----------------------|
| Modular spacing (standard)       | in | 19                   |
| Height                           | mm | 2010                 |
| Width                            | mm | 800                  |
| Depth                            | mm | 800                  |
| Number of rack units (HE)        |    | 42                   |
| Rack material                    |    | Steel                |
| Colour                           |    | Black                |
| Surface finishing                |    | Electrostatic powder |
| Number of doors                  |    | 2                    |
| Rear door                        |    | Yes                  |
| Rear door material               |    | Steel                |
| Max. load capacity               | kg | 1000                 |
| Max. load capacity (with wheels) | kg | 960                  |
| Max. load capacity (with legs)   | kg | 600                  |
| Removable sides                  |    | Yes                  |
| Installation type                |    | Ground               |
| Type of profile rail             |    | L-shaped             |
| Grounding                        |    | Yes                  |