



## 19"-Rack Cabinet 42RU 800x1000 mm, with perforated doors

The 42RU rack cabinet is used for housing active or passive equipment, visible from the outside and protected by a secure lockable steel structure. Compatible with optical fiber, data cables and coaxial cable installations, it allows the grouping of different technologies in a single cabinet. It is suitable for GPON headend installations, where the infrastructure requires increased depth (up to 1000 mm).

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 rack maintenance and installation. Both doors are made of perforated steel with honeycomb structure, thus improving passive ventilation, increasing strength, and reducing rack weight. It also has push-button removable side doors for access to the rack interior via the sides, an advantage when configuring rear connections. Designed for floor installation. It includes 4 screw-on legs. They provide height adjustment, from 45 to 80 mm, simplifying the adjustment on inclined or uneven surfaces.

|                     |               |
|---------------------|---------------|
| <b>Ref.</b>         | 533146        |
| <b>Logical ref.</b> | MSR1942-81P   |
| <b>EAN13</b>        | 8424450274279 |

## Other features

|                      |           |
|----------------------|-----------|
| <b>Supply method</b> | Assembled |
|----------------------|-----------|

## Packaging info

|               |        |
|---------------|--------|
| <b>Pallet</b> | 1 pcs. |
|---------------|--------|

## Physical data

|                   |              |
|-------------------|--------------|
| <b>Net weight</b> | 152,000.00 g |
|-------------------|--------------|

|                     |            |
|---------------------|------------|
| <b>Gross volume</b> | 875.15 dm³ |
|---------------------|------------|

|                     |              |
|---------------------|--------------|
| <b>Gross weight</b> | 177,000.00 g |
|---------------------|--------------|

|              |           |
|--------------|-----------|
| <b>Width</b> | 800.00 mm |
|--------------|-----------|

|               |             |
|---------------|-------------|
| <b>Height</b> | 2,010.00 mm |
|---------------|-------------|

|              |             |
|--------------|-------------|
| <b>Depth</b> | 1,000.00 mm |
|--------------|-------------|

|                            |              |
|----------------------------|--------------|
| <b>Main product weight</b> | 152,000.00 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: 1RU 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
- Comfort: double front door for reduced opening space
- Electrical safety: Each door and removable panel includes a grounding screw (terminal) to ensure proper grounding connection
- A 120x120 mm ventilation kit can be incorporated for the installation of active equipment, such as headends
- High load capacity: supports up to 1000 kg when installed on the floor or on a plinth
- Black colour (RAL 9004)

## Discover

| Compatibility of our racks with fans, wheels, plinths and cable management panels |                 |                 |              |        |        |        |                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------------------------------------------------------------------|-----------------|-----------------|--------------|--------|--------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REF.                                                                              | DIMENSIONS (mm) | RACK UNITS (RU) | INSTALLATION | FAN    | WHEELS | PLINTH | CABLE MANAGEMENT                                                                                                                                                                                                                                                                                                                                                                                           |
| 533105/06                                                                         | 600x450         | 6+2             | Floor        |        |        |        | The correct selection of accessories in a rack is key to ensuring the performance, accessibility and organization of the entire infrastructure. Elements such as fans, wheels, plinths and cable management panels help optimize cooling, mobility and cable routing.                                                                                                                                      |
| 533107/08                                                                         | 600x450         | 8+2             |              |        |        |        |                                                                                                                                                                                                                                                                                                                                                                                                            |
| 533112/13                                                                         | 600x450         | 13+2            |              |        |        |        |                                                                                                                                                                                                                                                                                                                                                                                                            |
| 533114/15                                                                         | 600x450         | 15+2            |              |        |        |        |                                                                                                                                                                                                                                                                                                                                                                                                            |
| 533111/16                                                                         | 600x600         | 15+2            | Floor        |        |        |        | Our racks are equipped with natural ventilation, but for applications requiring greater thermal control, it is possible to incorporate active ventilation systems with fans, significantly improving thermal management.                                                                                                                                                                                   |
| 533109/18                                                                         | 600x600         | 18              |              |        |        |        |                                                                                                                                                                                                                                                                                                                                                                                                            |
| 533121/22                                                                         | 600x600         | 22              |              |        |        |        |                                                                                                                                                                                                                                                                                                                                                                                                            |
| 533126/27                                                                         | 600x600         | 27              |              | 533175 |        |        |                                                                                                                                                                                                                                                                                                                                                                                                            |
| 533131/32                                                                         | 600x600         | 32              | Floor        |        |        |        | Floor-standing racks include feet, but it is also possible to add wheels. In this way, a rack can be installed either on feet only, on wheels, or with a combination of both. This configuration provides greater flexibility, allowing the rack to be moved easily during installation or maintenance, to correct floor unevenness and to distribute the load across more support points.                 |
| 533136/37                                                                         | 600x600         | 37              |              |        |        |        |                                                                                                                                                                                                                                                                                                                                                                                                            |
| 533138/39                                                                         | 600x600         | 39              |              |        |        |        |                                                                                                                                                                                                                                                                                                                                                                                                            |
| 533141/42                                                                         | 600x600         | 42              |              |        |        |        |                                                                                                                                                                                                                                                                                                                                                                                                            |
| 533128                                                                            | 800x800         | 27              | Floor        |        |        |        | Another option available for certain racks is installation on plinths. Plinths elevate the cabinet from the floor, making maintenance easier and improving the stability of the assembly. This additional space also allows cable routing and concealment at the bottom section, giving it a more orderly and professional appearance.                                                                     |
| 533143/44                                                                         | 800x800         | 42              |              |        |        |        |                                                                                                                                                                                                                                                                                                                                                                                                            |
| 533140/45                                                                         | 800x800         | 42              |              |        |        |        |                                                                                                                                                                                                                                                                                                                                                                                                            |
| 533148/46                                                                         | 800x1000        | 42              |              |        |        |        |                                                                                                                                                                                                                                                                                                                                                                                                            |
| 533149/47                                                                         | 800x1000        | 42              |              |        |        |        | Another option for cable management is the use of cable management panels. These enable efficient cable routing inside the rack, facilitating both installation and maintenance operations. Their use improves equipment accessibility and contributes to a more orderly and professional setup. They are available in horizontal and vertical configurations, adapting to the needs of each installation. |

Below is a compatibility table for our racks with all these accessories:

## Technical specifications : Ref. 533146

|                                  |    |                      |
|----------------------------------|----|----------------------|
| Modular spacing (standard)       | in | 19                   |
| Height                           | in | 79.134               |
| Width                            | in | 31.496               |
| Depth                            | in | 39.37                |
| Number of rack units (RU)        |    | 42                   |
| Material                         |    | Steel                |
| Thickness                        | in | 0.047                |
| Color                            |    | Black                |
| Surface finishing                |    | Electrostatic powder |
| Number of doors                  |    | 2                    |
| Front door material              |    | Perforated steel     |
| 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                  |
| Protection index (IP)            |    | 20                   |
| Protection index (IK)            |    | 07                   |