

19"-Rack Cabinet 42RU 800x800 mm

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 800 mm).
The rack is equipped with depth-adjustable side profiles, which allow the installation of different types of panels or equipment.
It has a tempered glass front door and a steel rear door, both reversible and removable with a flexible fitting system, which facilitates rack maintenance and installation. The tempered glass front door allows viewing the status of the devices without opening the rack. It also has push-button removable steel 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.

Ref.	533144
Logical ref.	MSR1942-88
EAN13	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 volume	1,286.40 dm^3
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: 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
- 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

The correct selection of accessories in a rack is key to ensuring the performance, accessibility and organisation of the entire infrastructure. Elements such as fans, wheels, plinths and cable management panels help optimise cooling, mobility and cable routing.

- 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.
- 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 great 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.
- 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, guiding it neatly towards the rear, contributing to a cleaner and more organised installation.
- 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:

REF.	DIMENSIONS (mm)	RACK UNITS (RU)	INSTALLATION	COMPATIBLE WITH			
				FAN	WHEELS	PLINTH	CABLE MANAGEMENT
533105/06	600x450	6+2	Wall / Floor	533174	Not applicable	Not applicable	533158 533159 533160
533107/08	600x450	8+2					
533112/13	600x450	13+2					
533114/15	600x450	15+2					
533111/16	600x600	15+2					
533119/18	600x600	18	Floor	533175	533171	-	
533121/22	600x600	22					
533126/27	600x600	27					
533131/32	600x600	32					
533136/37	600x600	37					
533138/39	600x800	37		533176			
533141/42	600x800	42					
533128	800x800	27				533401	533158 533159 533160 Vertical 533166
533143/44	800x800	42					533158 533159 533160 Vertical 533167
533140/45	800x800	42					
533148/46	800x1000	42				533402	
533149/47	800x1000	42					

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Technical specifications : Ref. 533144

Modular spacing (standard)	in	19
Height	in	79.134
Width	in	31.496
Depth	in	31.496
Number of rack units (RU)		42
Material		Steel
Rack rail thickness	in	0.079
Color		Black
Surface finishing		Electrostatic powder
Number of doors		2
Front door material		Tempered glass
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