# InstaRack™ LAN

*Ready-to-assemble Network Cabinet*

## New modular rack enclosure optimized for fast assembly, easy installation and simplified cabling.

Emerson Network Power's new **InstaRack LAN** is designed to meet your local area networking (LAN) rack enclosure needs, offering all of the advantages of an easy to install and cost-effective modular solution. The ready-to-assemble rack enclosure offers stability and strength. It has a 550 kg load carrying capacity.

**30 Min**
**FAST ASSEMBLY**

The standard **InstaRack LAN** network rack features:

**FLAT PACK**

- **Flat Pack** - **InstaRack LAN**'s intelligent design allows it to be flat-packed, minimizing transport and storage costs as well as making it an assembly-friendly solution for restricted-access applications.
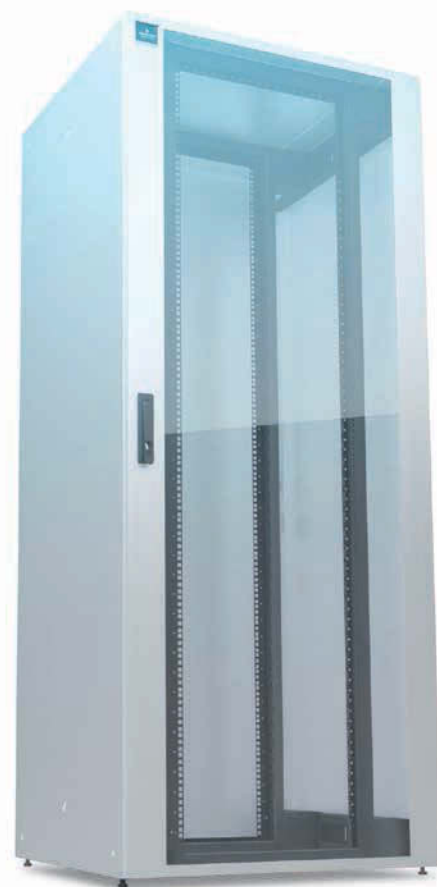
**TOOL-LESS**

- **Tool-less Installation** - No need for tools when installing Rack PDU MPH2 and vertical side panels.

**FLEXIBLE CABLING**

- **Flexible Cabling** - Frameless architecture eliminates the need for cable threading allowing optimal cable management.

**EASY ACCESS**

- **Easy Access** - Vertically separated side panels provide easy handling and fast, simple access to installed equipment.

**InstaRack LAN** comes complete with a comprehensive range of easy-fit accessories including:

- Ventilation units
- Cable guide components
- Rack PDUs
- Stationary plinth

**InstaRack LAN** is available in 4 standard size options in order to accommodate all your rack-mount equipment and adapt to various layout requirements.

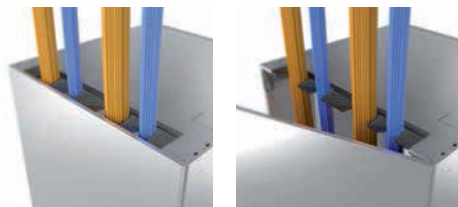| Rack | Type 1 | Type 2 | Type 3 | Type 4 |
|---|---|---|---|---|
| **Width** | 800 mm | 800 mm | 800 mm | 800 mm |
| **Height** | 2000 mm | 2000 mm | 2200 mm | 2200 mm |
| **Depth** | 800 mm | 1000 mm | 800 mm | 1000 mm |
| **U** | 42 Rack Unit | 42 Rack Unit | 47 Rack Unit | 47 Rack Unit |

**EMERSON**
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## Ready-to-assemble Network Cabinet

## Technical Specifications

■ **Flexible Cabling**
The 800 mm wide universal top cover features cable entry points at the front, rear and sides for flexible and simplified cable management.



Additional side openings allow cables to be easily routed between the 19" level and side panel.
Brush strips for sealing the cable entry points are available as accessories.
A fan top cover with large break-out openings in the middle is also available for Coolblast® rack ventilation unit.

■ **Fast Assembly**
InstaRack LAN comprises only a small number of parts and identical screw connections, allowing fast and easy assembly, providing a high degree of stability at the same time.

■ **Loading Capacity**
InstaRack LAN features a stable 19" frame that can securely carry loads up to 550 kg. 19" frames can be adapted to customer's requirements in a 12.5 mm grid in the front jumpering area and in the insertion depth area.

■ **Easy Access**
Side panels can be easily mounted and locked without using tools. Front and rear doors feature same closure types.
Racks deeper than 800 mm have side panel formed by two parts, ensuring optimum vertical access and minimum packing volume (800 mm flat pack maximum width).

■ **Technical details**
– 19" network rack featuring IP20 protection class
– Steel construction design with removable side panels
– Single-leaf front glass door with 4 mm thick safety glass, sheet steel rear door
– Special 19" profiles for mounting all standard 19" components
– Large floor clearance
– Cable entry via bottom and top
– Break-out openings for cable entry are positioned in the top cover of the distributor

■ **Rack PDUs**
All rack PDUs and MPH2™ in particular, can be easily and securely integrated with InstaRack LAN, ensuring space savings for rack-mounted equipment.

■ **Rack Base**
InstaRack LAN features an open base, guaranteeing maximum cooling air flow and easy cable management.

■ **Leveling feet, castors, plinth**
The network rack is shipped with leveling feet and can be mounted on castors or a plinth (accessories).

■ **Grounding**
Grounding is available as an accessory and can be ordered if required. The grounding is installed safely in compliance with the applicable standard.

■ **Flat pack delivery**
– Two 19" frames with hole grid
– Four depth brace
– Eight 19" brackets
– Two one-piece side panels (for 800 mm depth) or
– Four two-piece side panels (for 1000 mm depth)
– One single-leaf glass door
– One single-leaf sheet metal door
– One sheet metal top cover
– One accessory kit of assembly material
– Assembly instructions

■ **Accessories**
– Brush strip fitting break-outs
– Plinth (height: 100 mm)
– Multifunction brace fitting the depths

■ **Color**
Visible surfaces and covers coated with RAL7035, light gray. 19" frame, depth brace and 19" brackets with RAL7021, dark gray.

■ **Material/Finish**
– Basic rack, depth brace, doors and side panels: powder-coated sheet metal
– 19" profiles, 2.0 mm sheet metal, coated

■ **Tests**
Safety grounding in compliance with VDE 0100 T 540

| Width | Height | Depth | Order no° |
|---|---|---|---|
| 800 (mm) | 2000 (mm) | 800 (mm) | **01.150.004.1 006** |
| 800 (mm) | 2000 (mm) | 1000 (mm) | **01.150.004.1 007** |
| 800 (mm) | 2200 (mm) | 800 (mm) | **01.150.004.1 011** |
| 800 (mm) | 2200 (mm) | 1000 (mm) | **01.150.004.1 012** |

**Conversion:** 1 mm = 0.03937 inches
1 kg = 2.2046 pounds

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