

# DIGITUS® Industrial Network Cabinet, Indoor, IP55

DN-19 42U-I-8/8-1

EAN 4016032371496



## 42U network rack indoor IP55 2100x800x800, incl. plinth, grey (RAL 7035)

The free-standing industrial network cabinets are specially adapted according to protection type IP55 for the requirements of harsh environments. The floor structure can be opened in a modular design thanks to its galvanized, bolted panels. In addition, it is equipped with a sliding cable inlet with foam rubber seal as well as PG cable glands. A plinth mounted under the cabinet (100 mm) provides extra storage room for excess cable lengths. Two pairs of galvanized 483 mm (19") profile rails labeled with rack units readable in both directions are installed on the inside. Their depth is adjustable and they are connected to additional depth bars in the cabinet. Each cabinet is made of up to 2.0 mm thick sheet steel. A wraparound profile perforation supports a wide range of installation options in the cabinet. Coloring is done with electrostatic powder coating in the standard color gray (RAL 7035). The adhesion capacity according to EN ISO 2409: Class 0 to 1 as well as the 500-hour test carried out for resistance against salt spray, demonstrates a permissible operating temperature from - 25 °C up to + 70 °C. The removable side walls, fastened with countersunk screws, as well as doors including swing handle with profile half-cylinder, improve the security of access.

- Front door with complete metal frame and 4 mm strong tempered glass
- Closed steel rear door with filtered air inlet (250x250 mm)
- Door structure is produced with multiple bending to obtain rigidity and strength
- Special gasketing system between metal frame and profile system made out of PUR (Polyurethane)
- Side panels with special fixing via countersunk bolt
- 130° door opening angle

- 1.5 - 2.0 mm strong steel sheet
- Corner parts made out of E-160 material with aluminum injection molding, high resistance against corrosion
- Profile hole structure rotary inside
- 483 mm (19") profile rails mounted on the front- and rear side inside of the rack, galvanized
- 483 mm (19") profile rails are adjustable in depth and with height unit marking
- Base chassis is equipped with sliding cable entry mechanism & PG cable entries (1x PG 48, 4x PG 21)
- Profiles produced with DIN EN10142-2000 DX51 D+Z material provide high resistance against corrosion
- Roof with screwed visual cover panel for lifting eye bolts
- Equipment mounting depth min.-max.: 160-660 mm

### Attributes

- Cabinet type: Industrial cabinet
- Color: light grey, RAL 7035
- Depth: 800 mm
- Front door: Glass door, single opening
- Load capacity: 1500 kg
- Units: 42
- Width: 800 mm
- IP protection class: IP55
- Mounted: yes

### Package contents

- Earthing wire set
- Installation set (screws, cage nuts, washers)
- 2x Keys

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm <sup>3</sup>
Packaging Unit Carton	1	166.00	81.50	81.50	230.00	1,527,720.00
Packaging Unit Inside	1	166.00	81.50	81.50	230.00	1,527,720.00
Packaging Unit Single	1	166.00	81.50	81.50	230.00	1,527,720.00
Net single without Packaging	1	162.73	81.50	81.50	230.00	1,527,720.00

**More images:**



**Safety notes**

- Ensure adequate ventilation to prevent the installed devices from overheating.
- Network cabinets should not be overfilled and the ventilation openings must not be blocked.
- Cables should be neatly routed and organized in cable ducts or trays.
- Use surge protection devices to protect sensitive devices from power surges or lightning strikes.
- Avoid moisture or wetness while observing the respective IP protection class.
- Ensure that the cabinet and the devices used are properly earthed.
- In regions with frequent thunderstorm activity, professional lightning protection should be integrated into the power supply.
- To avoid uneven loading, always mount the heaviest units at the bottom of the cabinet.
- Disconnect the installed devices from the power supply during maintenance or installation work.

**EU responsible person**

EU based economic operator ensuring the product complies with the required regulations.

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