

# DIGITUS Industrial Network Cabinet, Indoor, IP55

**DN-19 42U-I-6/10-1**  
**EAN 4016032382850**



## 42U network cabinet indoor IP55 2100x600x1000, incl. plinth, grey (RAL 7035)

The 483 mm (19") industrial cabinets are protected against dust and water ingress acc. to safety level IP55 (IEC EN 60529) to offer optimized conditions for the user friendly installation of active- and passive network components accompanied by a neat cable management in an industrial area. The color is created by a 70-90 µ strong powder coating in color grey (RAL 7035) with an adhesion capability acc. to EN ISO 2409: Class 0 to 1. An additional implemented 500 hours salt spray resistance test affirms the possible operating temperature range from -25 °C up to +70 °C. The inside mounted 483 mm (19") profile rails (two pairs = 4 pieces) are galvanized and with height unit marking (countable from both directions). They are variable in depth and connected with additional depth support bars to realize extensive 483 mm (19") equipment installations. Furthermore there is an rotary profile hole structure inside. Each cabinet is equipped with a plinth (100 mm height) which offers additional space for cabling. The base of each cabinet is equipped with a sliding cable entry panel with rubber sealing as well as five PG cable screw inlets (4x PG21 + 1x PG48). An extensive portfolio of accessories for cable management, shelves, etc. will help to meet many requirements in daily use.

- 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.: 160-860 mm

### Attributes

- Cabinet type: Industrial cabinet
- Color: light grey, RAL 7035
- Depth: 1000 mm
- Front door: Glass door, single opening
- Load capacity: 1500 kg
- Units: 42
- Width: 600 mm
- IP protection class: IP55
- Mounted: yes

### Package contents

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

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm <sup>3</sup>
Packaging Unit Carton	1	146.00	105.00	65.00	215.00	1,467,380.00
Packaging Unit Inside	1	146.00	105.00	65.00	215.00	1,467,380.00
Packaging Unit Single	1	146.00	105.00	65.00	215.00	1,467,380.00
Net single without Packaging	1	142.74	105.00	65.00	215.00	1,467,380.00

**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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