

AT&T CenterLine

AT&T Cabling Systems DCH

Description

Free standing 19" server cabinets for IT Rooms and data centers, equipped with passive rear-door heat exchanger for up to 35 kW

Construction material	Extruded aluminum
Size options	42U and 47U
Color options	Dark Gray RAL 7021
Width and depth options	600x1200mm, 800x1200mm.

Standard & EU Directives Conformance

- Mechanical structure conforming to EN 61587-1, EN 60297-3-100
- Vibration & shock tests according to IEC 60068-2, EN 300019-1-2 class2.3.
- Corrosion resistance (salt spray) acc. to EN 62208
- IP20 according to DIN EN 60529
- Equipotential bonding & grounding according to DIN EN 60950-1, IEC 60950-1
- EU Directive 2011/65/EU (RoHS-2)

Mechanical Properties

Static load capacity	1500 kg max.
Front door	Detachable, single, 83% perforated, Tool-Less
Rear door	Heat-exchanger for up to 35 kW
Cable entries	Top & bottom multiple cable entries
Optional cable management	Front and rear vertical cable management Overhead cable management (in row)
Mounting	Normal floor or raised floor Optional raised floor and/or ceiling fixing kit Optional floor and/or ceiling shock absorbers
Electrical grounding	Internal parts and frame grounding kit
Cabinet row formation	Aligning baying kit
Locking options	Standard: Prepared for Cylinder lock Optional: Electronic key-access with managed locking system

Cooling air side

Housing material	Steel plate (powder coated)
Operating ambient temperature	10 °C ÷ 35°C (50 °F – 95 °F) (other temperatures on request)
Maximum absolute air humidity on site	8 g/kg
Air outlet temperature (in accordance with ASHARE)	18 °C ÷ 27 °C (64.4 °F – 80.6 °F)
Air temperature difference IN - OUT	15 K ÷ 20 K

Chilled water side

Cooling performance	35 kW
Chilled water temperature inlet	12 °C ÷ 18 °C (53.6 °F – 64.4 °F) (other temperatures on request)
Chilled water temperature outlet	18 °C ÷ 24 °C (64.4 °F – 75.2 °F) (other temperatures on request)
Maximum operating pressure	10 bar (145 psi)
Pipe connection IN / OUT	1" F (on the frame) (DIN ISO 228 - 1)

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