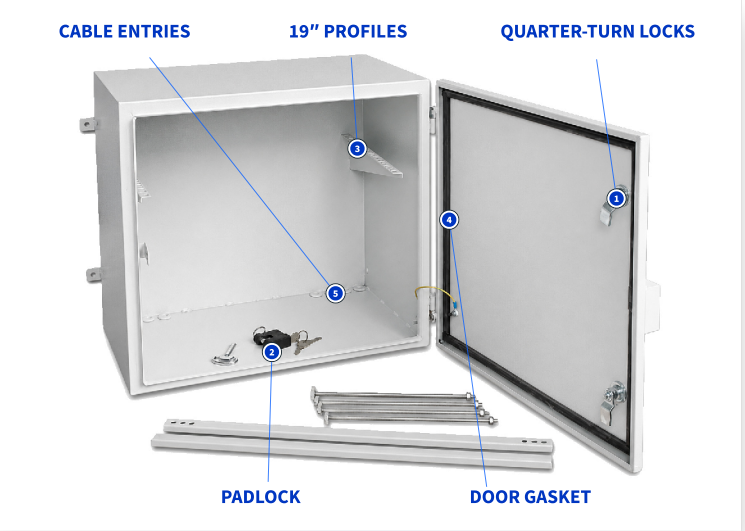
OUTDOOR ENCLOSURES

SN-BG
Rack Series

Outdoor 19″ Equipment Enclosure, IP54

SN-BG Rack Series is a range of single-wall steel outdoor enclosures for 19-inch telecommunications equipment, mounted vertically on two horizontal 19-inch profiles. Three sizes, 2U to 7U. Wall or pole mounting. Protection rating IP54.

Series	Rack Series
Models	SN-BG-WP-WD-19-2U-055-05-015 · SN-BG-WP-WD-19-4U-055-05-024 · SN-BG-WP-WD-19-7U-055-05-037
External dimensions	550 x 500 x 150 / 240 / 370 mm (W x H x D)
Material	Steel, fully welded
Colour	RAL 7035
Mounting	Wall or pole



Single-Wall Steel — CONSTRUCTION
Wall / Pole — MOUNTING
IP54 — PROTECTION
Vertical 19″ — RACK STANDARD

1 Key Features

IP54 Protection
Sealed against dust and splashing water

Single-Wall Steel Construction
Fully welded steel body, powder-polymer coated

19″ System Compatibility
Fits standard 19″ telecommunications equipment

Vertical Equipment Mounting
Equipment mounts vertically on two horizontal profiles

Padlock Included
A keyed padlock is supplied, in addition to the two quarter-turn locks

Fully Welded Construction
High structural rigidity with no assembly joints

Wall or Pole Mounting
Welded mounting ears for wall installation; two pole-mount brackets supplied

Grounding
Grounding wire between the door and the body

TYPICAL APPLICATIONS

- FTTx and access-network cabinets
- Outdoor 19-inch equipment (media converters, switches, patch panels)
- Pole-mounted distribution
- CCTV and telemetry field cabinets

WHAT'S IN THE BOX

- Fully welded enclosure body
- Two 19-inch mounting profiles
- Stepped rubber cable grommets (6 for the 2U, 8 for the 4U and 7U)
- Pole-mount bracket x2
- Grounding wire
- Padlock with keys

COMPATIBLE ACCESSORIES



Distribution frame | Patchcord | Splice sleeve

CE | IP54 | EN 60529 | 2014/35/EU

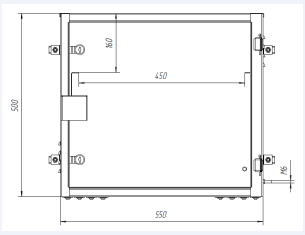
Powered by SteelNet

2 Size & Configuration Matrix

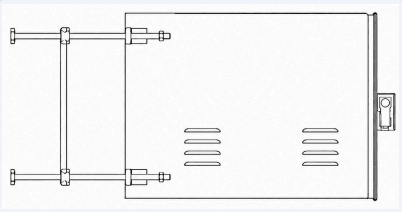
Model	Width (mm)	Height (mm)	Depth (mm)	Rack units	Cable entries	Net weight (kg)
SN-BG-WP-WD-19-2U-055-05-015	550 mm	500 mm	150 mm	2U	6 x Ø22	13.3 kg
SN-BG-WP-WD-19-4U-055-05-024	550 mm	500 mm	240 mm	4U	8 x Ø22	15.9 kg
SN-BG-WP-WD-19-7U-055-05-037	550 mm	500 mm	370 mm	7U	8 x Ø22	18.0 kg

Each cable-entry hole is 22 mm in diameter, fitted with a stepped rubber grommet. The 2U has 6 entries in the base (3 + 3); the 4U and 7U have 8 (4 + 4). Weights are for the empty enclosure.

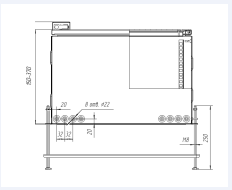
3 Technical Drawing



FRONT VIEW

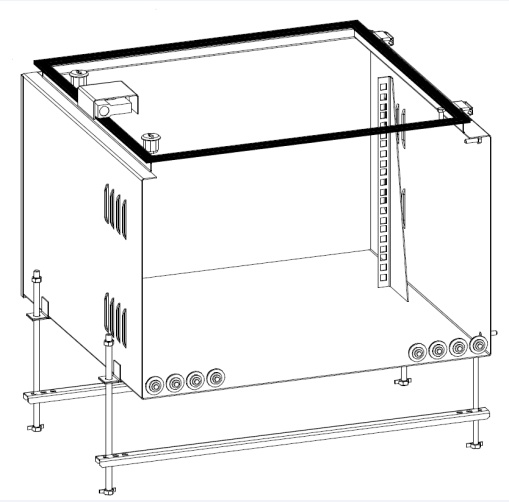


SIDE VIEW



BOTTOM VIEW

The front and general views are generic for all three models. The side view carries no dimensions. The bottom view marks the depth as the range 150-370 mm (150 / 240 / 370 for the 2U / 4U / 7U) and shows 8 cable entries; the 2U has 6.



GENERAL VIEW

4 Standards & Certification

- ✓ **2014/35/EU** — Low Voltage Directive
- ✓ **EN 60529:1991/A2:2013/AC:2019-02** — Degrees of protection provided by enclosures (IP code)
- ✓ **EN 61439-3:2012/AC:2019-04** — Distribution boards intended to be operated by ordinary persons
- ✓ **2014/30/EU** — Electromagnetic Compatibility Directive
- ✓ **EN 61439-1:2011** — Low-voltage switchgear and controlgear assemblies — general rules
- ✓ **EN 62368-1:2014/AC:2015** — Audio/video, information and communication technology equipment — safety

5 Colour & Ordering

RAL 7035
Light grey

ORDERING CODE PATTERN

`SN-BG-WP-WD-19-[U]U-055-05-[D]`

SN-BG Series name · **WP** Wall or pole mounting · **WD** Welded construction · **19** 19-inch rack standard · **055** Width code — 550 mm · **05** Height code — 500 mm

[U] Usable 19-inch equipment height — 2U with 150 mm depth, 4U with 240 mm, 7U with 370 mm: 2, 4, 7

[D] Depth code — 015 = 150 mm, 024 = 240 mm, 037 = 370 mm

EXAMPLE `SN-BG-WP-WD-19-4U-055-05-024`

= Rack Series outdoor enclosure, 550 mm wide, 500 mm high, 240 mm deep, 4U of vertical 19-inch mounting space, RAL 7035, IP54.

Depth and rack units are linked — one SKU per size. There are no door or colour options.