OUTDOOR ENCLOSURES

SN-BG
Compact Series

Outdoor Fibre-Optic Enclosure, IP54

SN-BG Compact Series is a range of single-wall steel outdoor enclosures for the installation, connection and protection of fiber-optic equipment. Two sizes — SN-BG-330 and SN-BG-400 — each with a splice tray and a bracket for an interchangeable 8-adapter panel. Wall or pole mounting. Protection rating IP54.

Series	Compact Series
Models	SN-BG-330, SN-BG-400
External dimensions	300 x 330 x 120 / 300 x 400 x 150 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

8 — ADAPTER POSITIONS

1 Key Features

IP54 Protection
Sealed against dust and splashing water for outdoor service

Single-Wall Steel Construction
Fully welded steel body with a quarter-turn lock

Fiber-Optic Application
For the installation, connection and protection of fiber-optic equipment

Splice Tray Mounting
Each enclosure ships with a splice tray

Interchangeable Adapter Panel
Panel mounts on a bracket and is chosen to match the adapter type

8 Adapter Positions
The interchangeable panel holds up to 8 fiber-optic adapters

Wall or Pole Mounting
Welded mounting ears for a wall; a bracket is supplied for a pole

Grounding
Grounding wire between the door and the body

TYPICAL APPLICATIONS

- FTTx / FTTH access points
- Outdoor distribution and cross-connect
- Pole-mounted fibre termination
- Building entry point

WHAT'S IN THE BOX

- Fully welded enclosure body
- Splice tray
- Interchangeable 8-adapter panel
- Pole-mount bracket
- Grounding wire

COMPATIBLE ACCESSORIES



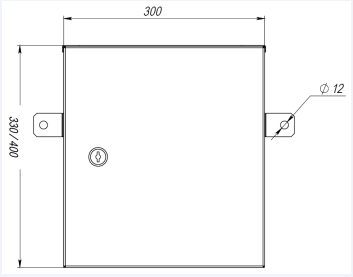
Adapter · Patchcord · Pigtail

2 Size & Configuration Matrix

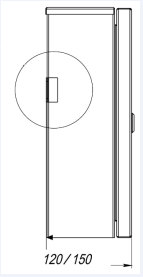
Model	Width (mm)	Height (mm)	Depth (mm)	Cable entries	Net weight (kg)
SN-BG-330	300 mm	330 mm	120 mm	4 x PG 13.5	4.7 kg
SN-BG-400	300 mm	400 mm	150 mm	4 x PG 13.5	5.6 kg

The hole diameter for each cable entry is 20 mm, fitted with a PG 13.5 gland. Both models have 4 entries in the base. Weights are for the empty enclosure.

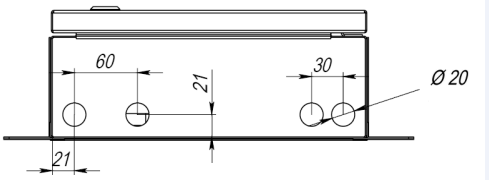
3 Technical Drawing



FRONT VIEW

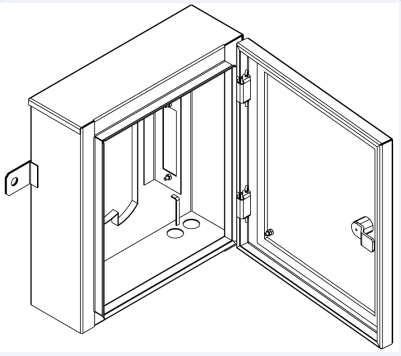


SIDE VIEW



BOTTOM VIEW

The front and side views are generic for both models; the height (330 / 400 mm) and depth (120 / 150 mm) figures cover the two sizes. The bottom view applies to both.



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-[H]`

`[H]` Enclosure height in millimetres — 330 (300 x 330 x 120) or 400 (300 x 400 x 150): 330, 400

EXAMPLE `SN-BG-400` = Compact Series outdoor fibre enclosure, 300 mm wide, 400 mm high, 150 mm deep, RAL 7035, IP54.

There are no door, colour or depth options — one SKU per height. The interchangeable adapter panel and adapters are ordered separately.