



OSS+PSHN

# Hermetic pole distribution box OSS+PSHN

## Features:

- designed mostly for PON networks
- pole installation
- it enables gradual connection of subscribers by adding splitters
- it is suitable for both underground and aerial cables
- the distribution box consists of an inner box with an environmental protection IP65 and outer box protecting the cable reserve
- compact housing with cable entries on the bottom
- changable door with a two-point bolt, locks available on request
- all metal accessories are corrosion resistant
- there are 3 areas inside the box: subscriber area, for mounting subscriber cables and for splicing and gathering pigtails and fibres; splicing area, for splicing fibres incoming to splitters and gathering splitters; adapter plate
- access to the box is enabled for cables coming down from the pole and coming up from the ground
- corrosion resistant and mechanically durable

## Equipment:

- hermetic housing
- housing protecting a cable
- uncut cable loop entry
- lock
- PSH inset
- subscriber side splice tray
- distribution side split tray
- TK – 20/5 cable tie
- TK – 9/3 cable tie
- protective band for tight buffered fibre
- table - descriptive label
- DP cable gland
- splittable cable entry

## Technical specifications:

|  | OSS+PSHN-12            | OSS+PSHN-24 | OSS+PSHN-48  | OSS+PSHN-72 | OSS+PSHN-96  | OSS+PSHN-144 |
|--|------------------------|-------------|--------------|-------------|--------------|--------------|
| dimension weight/height/diameter [mm]                                      | 440/880/220            |             | 564/ 930/250 |             | 654/1030/250 |              |
| number of optical splitters<br>(max. dimension: 140x115x18 mm)             | 2                      |             | 3            |             | 3            |              |
| recommended minimum length<br>of splitter outputs [m]                      | 1                      |             |              |             |              |              |
| recommended minimum length<br>of splitter inputs [m]                       | 2                      |             |              |             |              |              |
| number of splices on the subscriber side                                   | 12                     | 24          | 48           | 72          | 96           | 144          |
| connectors   | SC, SC Duplex          |             |              |             |              |              |
| number of splice trays / number<br>of splices per tray (subscriber side)   | 1/24                   |             | 2/24         | 3/24        | 4/24         | 6/24         |
| number of splice trays / number<br>of splices per tray (distribution side) | 1/24                   |             |              |             |              |              |
| recommended pigtail length [m]   | 2                      |             |              |             |              |              |
| maximum number of distributor<br>cable entries                             | 2                      |             |              |             |              |              |
| incoming subscriber cable diameter [mm]                                    | 7                      |             |              |             |              |              |
| incoming distribution cable diameter [mm]                                  | 4-15                   |             |              |             |              |              |
| number of connectors on subscriber side                                    | 12                     | 24          | 48           | 72          | 144          |              |
| number of connectors on feeder side  | 12                     |             |              |             |              |              |
| material: inner box/outer box/equipment                                    | polyester/aluminum/ABS |             |              |             |              |              |
| possibility of entering an uncut cable loop                                | yes                    |             |              |             |              |              |

## Ordering:

OSS+PSHN-12 - hermetic pole distribution box OSS+ for 12 subscribers, IP65, housing for cable reserve