# Data Sheet

**HUBER+SUHNER**

## OptiBox 4i

## Description

Optibox 4i, empty, for up to 24 splices, IP67, graphite grey
OTB04i0-00S00P000xx0000000O-KK

### Features

- Up to 4 adapters of SC shape
- Easy-to-use mounting splicing and patching box, consisting of base, fiber tray and cover
- Detachable fiber management tray inlay
- Radius protected fiber management with a minimum bending radius of 28 mm
- Pigtail to pigtail configuration possible
- Dedicated storage area for unused fibers
- Two different levels for managing up to 24 splices
- 1 cable entry and 2 cable exits (one at the top and one through the enclosure)
- Outside cable entries and exits are sealed with polymer cable glands
- Harsh environment protected ODC-2 (2 fibers) sockets mountable for creating "external" connections
- Optional lock available
- UV resistant enclosure
- Enclosure suitable for outdoor applications (IP67)
- Dedicated area to accommodate gas blockers if required
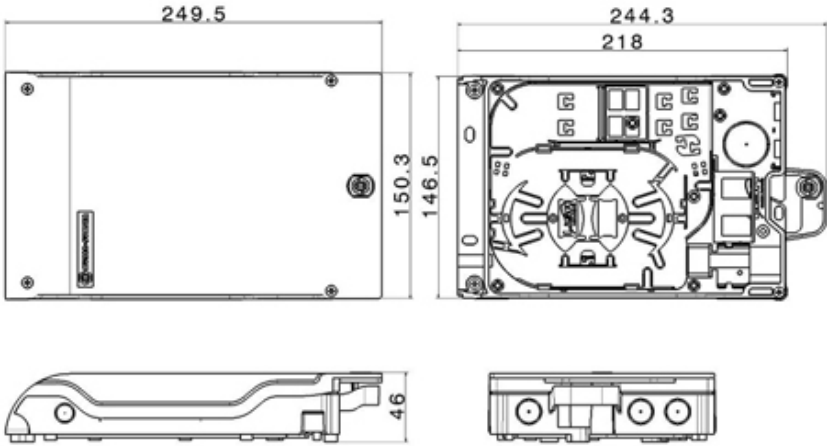
## Technical data

### Mechanical data

| Characteristics | Values |
|---|---|
| Application | Outdoor |
| Dimension (Width x Length x Height) (mm) | 150 x 250 x 46 |
| Dimension (Width x Length x Height) (inch) | 5.9 x 9.8 x 1.8 |
| Diameter cable entry (max) (mm) | 16 |
| Weight (g) | 436 |
| Weight (oz) | 15.4 |
| Material housing | ABS/PC |
| Colour housing | graphite grey (RAL 7024) |
| Minimum bending radius (mm) | 28 |
| Capacity of adaptors (pcs) | 4 |
| Capacity of splices (pcs) | 24 |
| Capacity of cable entries (pcs) | 3 |
| Mounting nature of adaptors | snapped-in |

### Environmental data

| Characteristics | Values |
|---|---|
| Temperature resistance (min to max) (°C) | -46 to 81 |
| Temperature resistance (min to max) (°F) | -50.8 to 177.8 |
| UL Rating | UL 94 V-0 |
| Chemical resistance | Yes |
| UV resistance | Yes |
| Resistance to impact | IK08 |
| Ingress protection degree | IP67 |
| Free of halogen | Yes |
| RoHS compliant | Yes |
| REACH compliant | Yes |
| Electrical shock resistance | Yes |

# Data Sheet

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## Technical drawing



## Ordering information

| Description | Item number |
|---|---|
| Optibox 4i, empty, for up to 24 splices, IP67, graphite grey | 84076039 |

## Related Documents

| | |
|---|---|
| Installation manual | DOC-0000294966 |

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