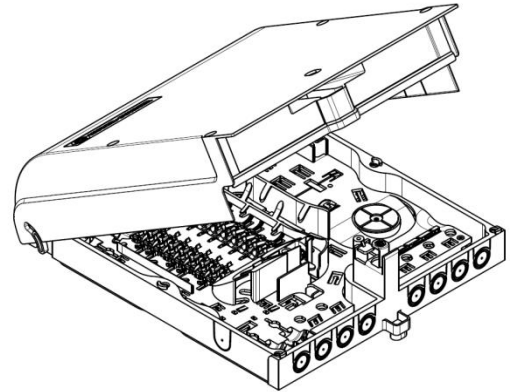


Wall boxes plastic Optibox 16

Description

Characteristics

- Splice and patch enclosure comprising a base, fiber inlay and cover
- Patch panel for up to 16 SC-shape adapters (LC Duplex, LX.5 Duplex, SC, E-2000TM) / Optimized access because of movable adapter-blocks
- Can be equipped with up to 8 ACS splice cassettes (multi-circuit or single-circuit management)
- Can be equipped with up to 4 ACS splitter cassettes (several splitters can be installed in each cassette)
- Cable inputs: two below and one above
- Cable outputs: one above and six below
- Hinged half-shell grommets ensure simple cable entry and exit / Additional half-shell grommet for easy side-by-side installation
- Bending radius protected fiber overlength storage ($r \geq 28$ mm)
- Pigtail to pigtail configuration
- Optionally with lock
- UV-resistant enclosure
- Enclosure meets the requirements for moderate outdoor applications (IP56).



The optical distribution enclosure (OptiBox16) impresses due to its simple design, its wide application range and its customer-friendly handling during installation and maintenance.

The OTB16 is typically used as a fiber optic distribution and termination enclosure, which is ideally suited for splicing, patching and accommodating passive optical components. Additional features as the overlength-frame, a simple side-by-side installation of two or more boxes and the optimized adapter-field makes the OTB16 to an universality box for different application. The installation-friendly plastic enclosure is typically used by telecom customers (FTTH / FITH) and is designed for indoor and moderate outdoor wall mounting (IP56).

A number of mounting points offer users the option of fastening multi-fiber loose tube cables, riser cables, micro cables, patch cords, pre-assembled cable systems or micro conduits, including optional gas/water blockers.

The clearly-defined and easily accessible fiber storage and fiber routing guides are bending radius protected and provide the necessary protection against mechanical influences.

The OTB16 can be equipped with various ACS-series cassettes on a modular basis. It enables both single- and multi-circuit fiber management, as well as simple installation of passive components such as splitters or WDM's.

Technical data

Construction

| Description | Values | |
|---|---|---------------------------|
| Dimensions (W x L x H) | 347 x 437 x 109 mm | 13.66 x 17.20 x 4.29 inch |
| Non-detachabel connection capacity (splices) | Up to 192 | |
| Detachabel connection capacity (connectors) | 16 x SC and E-2000TM , 32 x LC and LX.5 | |
| Capacity for ACS cassette system | | |
| ACS- MCM splice cassettes (≤ 24 splices) | 8 | |
| ACS – SCM splice cassettes (≤ 4 splices) | 8 | |
| ACS – SPL splitter cassettes | 4 | |
| Dimension (\varnothing) cable or blow-in conduit systems with use of grommets | 3-18 mm | 0.11-0.70 inch |
| Material: enclosure (cover / base) | PC | |

Wall boxes plastic Optibox 16

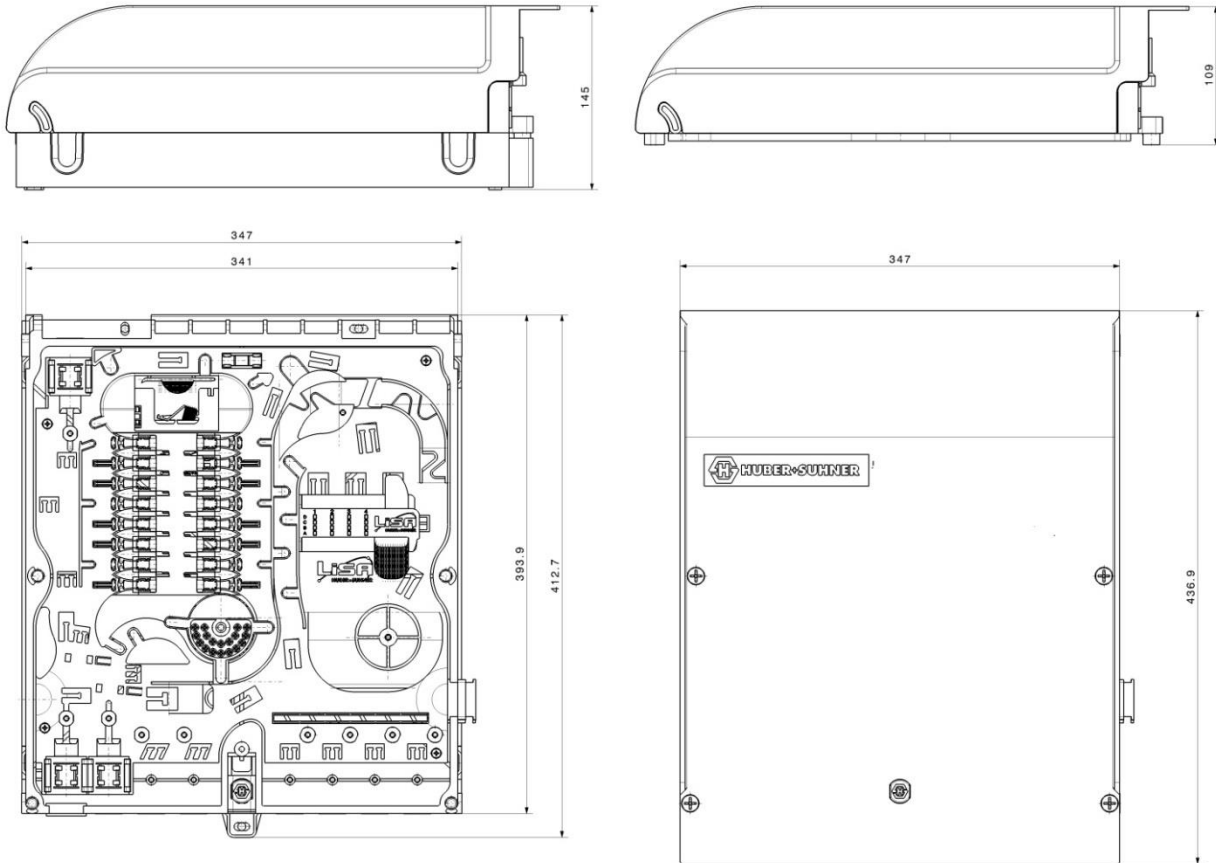
| | | | |
|---------|-------------------------------------|----------------------|----------|
| | inlay | PC/ ABS | |
| Weight: | enclosure | 4.1 kg | 90.3 lbs |
| Color: | enclosure (cover / base) | RAL 7047, telegrey 4 | |
| | inlay | RAL 7047, telegrey 4 | |
| | sealing grommets | RAL 9005, jet black | |
| | Ingress protection degree (EN60529) | IP56 | |
| | Resistance to Impact (EN60068-2-27) | IK07 | |

Mechanical and environmental data

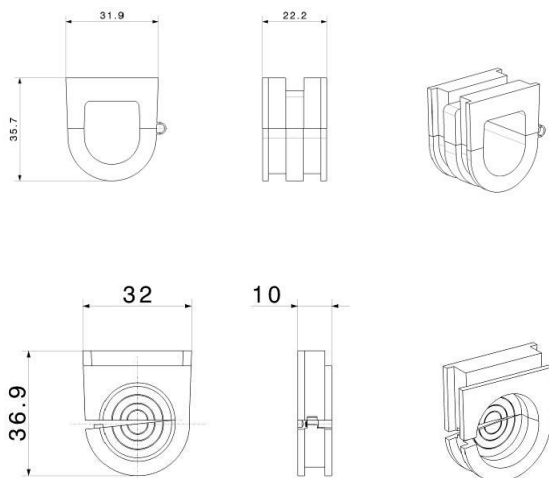
| Description | | Values |
|-------------------------------------|------------------------------|---|
| Temperature Resistance (short-term) | Celsius | -40° ... +85°C |
| | Fahrenheit | 4.4° ... 29.4°F |
| Insulation | | fully insulated |
| Flamability rating | enclosure (cover / base) | UL 94V-0 / UL 94V-0 |
| | fiber inlay / extension tray | UL 94V-0 |
| | sealing grommets | UL 94V-2 |
| UV Resistance | enclosure (cover / base) | resistant |
| Free of halogen | | yes (except hinged half-shell grommets) |
| Chemical Resistance | | good |
| RoHS compliance | | fully compliant |

Wall boxes plastic Optibox 16

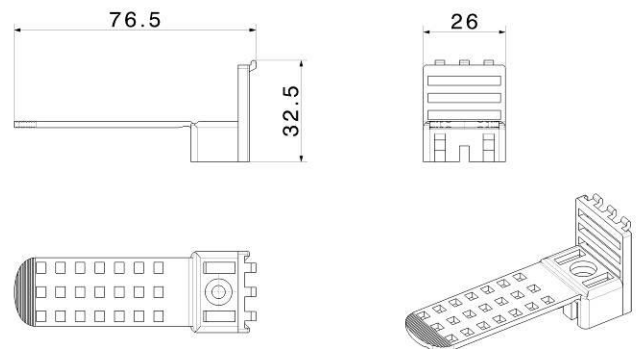
Technical data cable gland



Hinged half-shell grommet



Cable fixing latch



Data Sheet

Wall boxes plastic Optibox 16

Ordering information

| Description | Item number |
|------------------|-------------|
| Optibox 16 empty | 84149908 |

Related documents

Installation manual DOC-0000401065