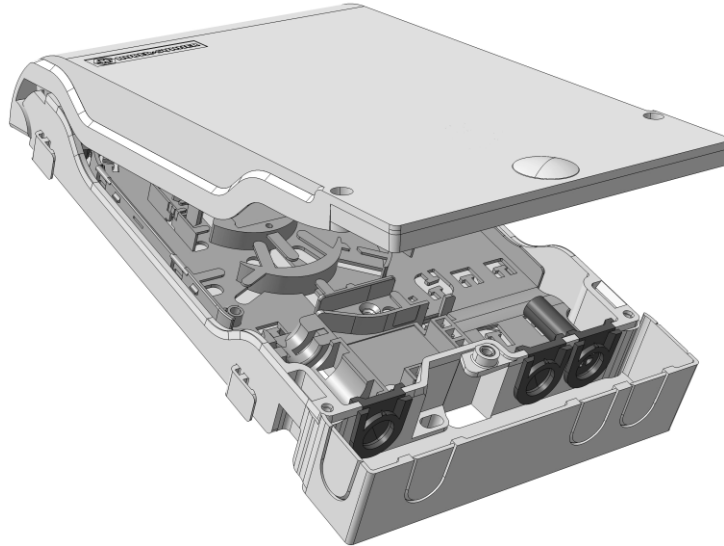


OptiBox 6



Product overview

The **OptiBox 6** is a fiber optic distribution and termination enclosure, which is used for splicing, patching and recording of passive optical components.

The box is typically the telecom customers their commitment (Fiber to the Home) and is designed for wall mounting, either in the indoor or outdoor use (IP54).

Conventional loose tube cables, but also micro cable or micro ducts be secured within the housing, so that the optical fibers are protected from bending and environmental influences.

Features

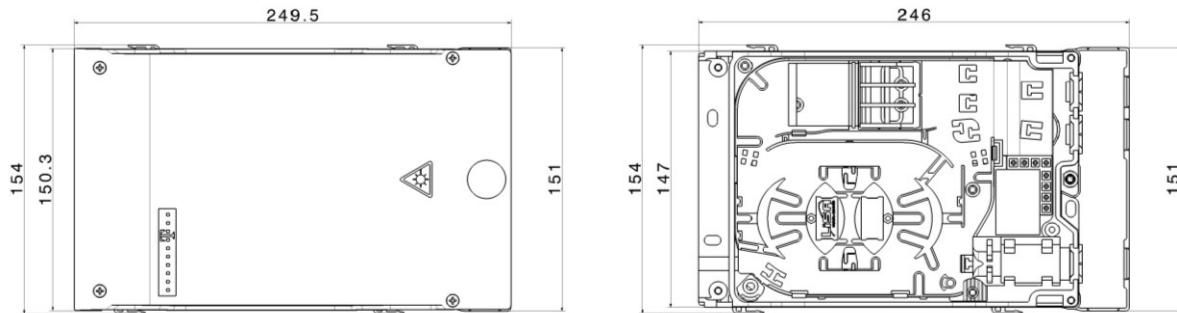
- installer friendly splicing and patching box, consisting of base, tray and cover
- soluble fiber management tray (fiber inlay)
- record up to 6 adapters in SC format (12 LC connections)
- couplings, respectively, the connectors are mounted internally
- storage of uncut fibers in single element technique
- radius protected fiber overlength storage of 25mm
- pigtail to pigtail configuration possible
- special strain relief for incoming fiber optic cable
- up to 12 splices distributed on two superposed planes
- cable input and outputs are sealed with rubber half-shell
- Optional lock available
- UV resistant light housing
- Housing density corresponds to the requirements for outdoor applications (IP54)

Technical Data

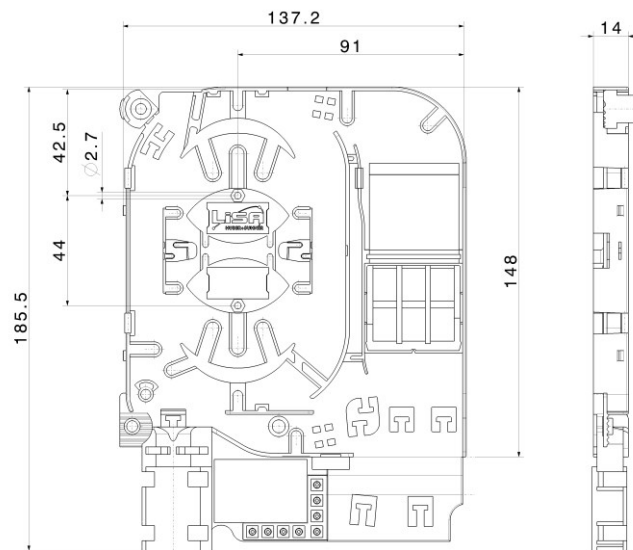
Features	Value
Dimensions (B x L x H)	154 x 250 x 46 mm
Capacity: detachable optical connections	12x LC oder 6x SC
Dimension (Ø) cable or blow-in conduits	3 – 5mm 6 – 8mm
Material: enclosure (cover / base)	PC
fiber inlay / extension tray	PC/ABS
enclosure sealing	TPE, shore 50A
sealing grommets	TPE, shore 60A
Weight: enclosure (cover / base)	395gr. (189gr. / 206gr.)
fiber inlay / extension tray	60gr. / 36gr.
sealing grommets	~ 4gr.
Color: enclosure (cover / base)	RAL 7047
fiber inlay / extension tray	RAL 7047
sealing grommets	RAL 9005, jet black
Ingress protection degree (EN60529)	IP54
Resistance to impact (EN60068-2-27)	passed
Temperature Resistance	-40° ... +85°C
Insulation	fully insulated
Flamability rating:	
enclosure (cover / base)	UL 94V-0
fiber inlay / extension tray	UL 94V-0
sealing grommets	UL 94V-2
UV Resistance:	
enclosure (cover / base)	resistant
fiber inlay / extension tray	limited resistant
sealing grommets	resistant
Free of Halogen	yes
Chemical Resistance	good
RoHS requirements	Fully comply

Technical Drawings:

Enclosure:



Fiber Inlay:



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HUBER+SUHNER is certified according to ISO 9001, ISO 14001, ISO/TS 16949 and IRIS.

Note

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