



Customer Distribution and Termination Enclosure „OptiBox 32“



OptiBox32 – For multi dwelling units

OptiBox 32 is an installer friendly fiber optic distribution and termination enclosure. The OptiBox 32 is particularly designed for its main use in Fiber to the Home / Fiber in the Home networks predominantly installed in multi dwelling units. It is used for splicing, patching and to perform with passive optical components. The OptiBox 32 can be configured modular with two kinds of splice cassettes supporting Multi Circuit (MCM) or Single Circuit (SCM) managed fibers. Additionally a dedicated Splitter Cassette for an easy integration of passive optical components is available. The enclosure impermeability matches to the requirement of moderate (IP54) or even harsh (IP67) outdoor applications. In order to protect the fibers from bending or environmental influence, conventional loose tube cables as well as micro cable or conduits of blown-in systems can be fastened to the inside of the box. Further there can be fastened various gas and water blocking systems inside the OptiBox 32.

Features

- User friendly splicing and patching box, consisting of base, fiber management support and a cover
- Detachable fiber management support
- Up to 32 adapters in SC shape (LC, LX.5, SC) mounted inside of the enclosure
- Up to 16 positions to equip individually with ACS Splice Cassettes
- 2 cable entries, 2 cable exits on the top and 8 exits at the bottom
- Outside cable entries / exits are sealed with hinged half-shelf grommets
- Radius protected Patch Cord over length storage
- Pigtail to Pigtail configuration
- Key lockable cover
- UV radiation resistant housing
- Enclosure impermeability matches the requirement of moderate outdoor applications



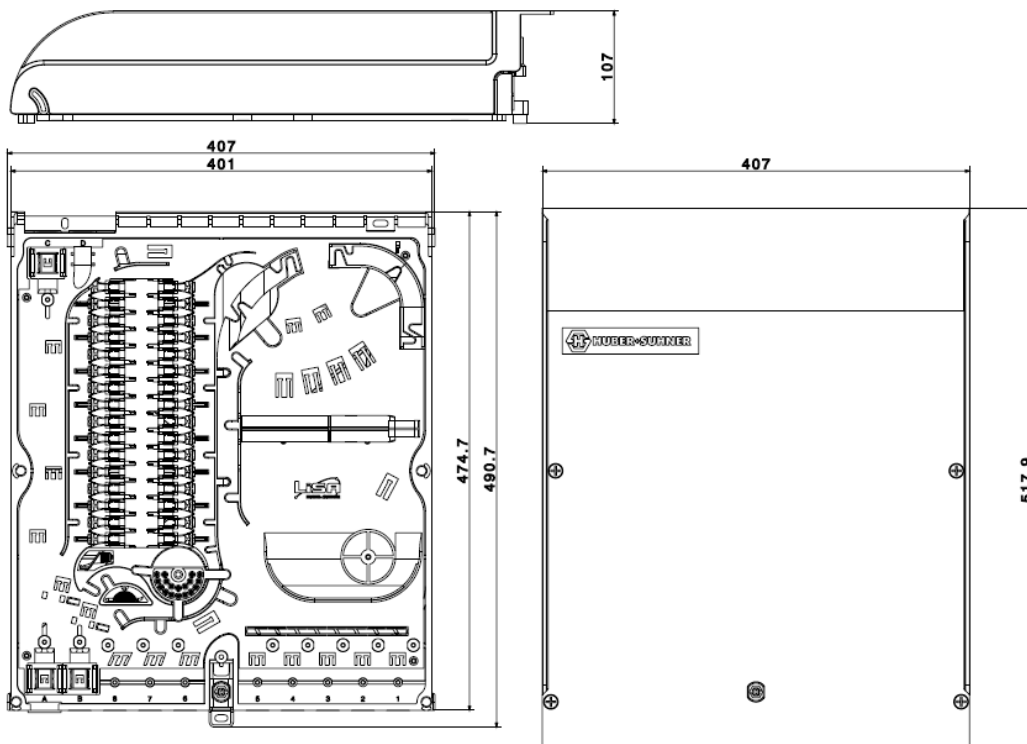
TEMPORARY Data Sheet



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Attribute	Value
Dimensions (B x L x H)	407 x 518 x 107 mm
Capacity: detachable optical connections	64x LC and LX.5, 32x SC and E-2000™
Capacity for Advanced Splice Cassette System	
ACS – MCM splice cassettes	16
ACS – SCM splice cassettes	16
ACS – SPL splitter cassettes	8
Dimension (Ø) cable or blow-in conduits	3 – 18 mm
Material: enclosure (cover / base)	PC
fiber inlay / extension tray / add-on lid	PC / ABS
Color: enclosure (cover / base)	RAL 7024, graphite grey
fiber inlay / extension tray / add-on lid	RAL 9002, grey white
sealing grommets	RAL 9005, jet black
Ingress protection degree (EN60529)	IP54
Resistance to Impact (EN62262)	IK08
Temperature Resistance (Long-term use)	-46° ... +81°C
Flamability rating	UL 94V-0
UV Resistance:	resistant
Free of Halogen	yes





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Item No.	OptiBox32, IP54, including fiber management support, installation material and 7 cable grommets	6x ACs-MCM splice cassettes with heat shrink splice protection holder	12x ACs-MCM splice cassettes with heat shrink splice protection holder	16x ACs-MCM splice cassettes with heat shrink splice protection holder	8x ACS-SCM splice cassettes with heat shrink splice protection holder	16x ACS-SCM splice cassettes with heat shrink splice protection holder	Equipped with key lock
84123341	x						
84123342	x						x
84123335	x	x					
84123336	x	x					x
84123337	x		x				
84123340	x		x				x
84123338	x			x			
84123339	x			x			x
84123343	x				x		
84123345	x				x		x
84123344	x					x	
84123346	x					x	x

	Cable grommet	Unit	Item no.
		OTB-grommet-3-18mm-BK	1
<p>Scope of supply: Half shelf cable grommet. Takes up cable diameters from 3 to 18mm</p> <p>Material: TPE Colour: black, RAL 9005</p>			

	PatchCord fixing latch	Unit	Item no.
		OTB-PC-fixing-latch	1
<p>Scope of supply: Patch Cord fixing latch including fastening screw Fastens PatchCords securely</p> <p>Material: TPE Colour: black, RAL 9005</p>			



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Order Code

Order code	Description
	product line / family
OTB	OptiBox
	box type
4t	Telecom IP54, 3x3 cable grommets, up to 4 adapters SC-Shape
4i	Industry IP67, NO cable glands, up to 4 adapters SC-Shape
32t	Telecom IP54, 7 cable grommets, up to 32 adapters SC-Shape
32i	Industry IP67, NO cable glands, up to 32 adapters SC-Shape
	lock configuration
0	no lock
1	standard key lock
	splice cassette configuration
-	NO tray
T	add-on tray for OTB4
M	ACS-MCM cassette
nn	quantity add-on tray (00 or 01) or MCM (max. 16)
-	NO ACS-SCM cassette (given for OTB4)
S	ACS-SCM cassette
nn	quantity SCM (max.16) 00 given for OTB4
-	NO ACS-Splitter cassette (given for OTB4)
P	ACS-SPL cassette
n	quantity SPL (max. 8) 00 given for OTB4
	splice protector configuration (Side A)
00	no splice protection holder (no protectors)
S0	Sandwich splice protection holder (protectors excluded)
S1	Sandwich splice protection holder (protectors included)
H0	Heatshrink splice protection holder (type Ø 1.8 x 40mm) >protectors excluded
H1	Heatshrink splice protection holder (type Ø 1.8 x 40mm) >protectors included
M0	Holder for mechanical splices (only for OTB4 possible)



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connector / adapter type	
xx	no connector / adapter
70	SC-PC Simplex, blue
73	SC-APC Simplex, green
81	LX.5-PC, blue (always duplex adapter)
84	LX.5-APC, green (always duplex adapter)
88	LC-PC, blue (always duplex adapter)
89	LC-APC, green (always duplex adapter)
nn	number of Adapters (max. 32)
nn	number of Pigtails or fibers to be spliced (max. 384 – MCM)

fiber type	
00	NO Pigtail - empty
09	Singlemode 9/125µm, OS2

colour code	
0	no color code
1	Swisscom colour code
2	DIN colour code
3	ISO colour code
6	IEC colour code

product configuration	
O -	Standard Product Configuration
S -	Specific Product Configuration

performance class side A	
A	APC Singlemode LAN ECO (Standard)
B	APC Singlemode High End
C	APC Singlemode 0.1 dB
D	UPC Singlemode High End
N	UPC Singlemode LAN-ECO (Standard)
F	UPC Singlemode 0.1 dB
K	No Connector

performance class side B	
K	No Connector

The OTB32 product portfolio will be available about Mai 2011

HUBER+SUHNER is certified according to ISO 9001 and ISO 14001.



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