FIBRAIN ®
Fiber Optic Solutions

Type:	Wall and aerial distribution box	
Ref:	OBP-S8, see ordering information	REV: 1.9
Date:	20.05.2017	MSO
Modification:	24.06.2019	DP

FTTH Solutions

FIBRAIN OBP-S8 Distribution box

DESCRIPTION:

Fibrain Distributor Box OBP-S8 is dedicated for FTTH networks deployed in open aerial areas. The housing as a distribution point is designed to terminate up to 36 fibers. As a standard box is equipped with 1 splice tray (2 others can be ordered separately). The facility for fiber/tube management gives an opportunity for installation of splitters and passive optical converters. Pivot swivel box cover enables wide access to interior (it opens up to 140°) and additionally cover block mechanism guarantee comfortable installations and maintenance work for installers. Housing as a standard is equipped with cylinder lock.

APLICATION:

Distribution point for FTTH network;
Municipal networks;
Last mile

BENEFITS & FEATURES:

Great mechanical resistance due to robust closure material (PC + ASA);
Holder for pivot swivel splice trays;
Optional patch field for up to 12 FO adapters (SC/E2000);
Possibility for fixation of AluBox closure PLC splitter (max 1:8) directly in splice trays or in splice tray holder;
Cable plugs and/or central strength member clamp for installation cables
Up to 3 splice trays;
Splice trays for up to 12 fibers;
Optional dedicated cable reserve frame.

TECHNICAL SPECIFICATION:

Technical data	OBP-S8
Max splice number	36
Max adapters number in patch field holder	12
FO adapters type	SC/E2000
Max ø of entry cables:	2 x Ø12mm
-configuration 1	8 x Ø4-10mm
-configuration 2 (two cables per port)	16 x Ø6mm
Dimensions (W)x(H)x(D) [mm]	225x255x86
Ambient temperature	-40°C ÷ +65°C
Closure material	PC + ASA
Splice tray material	ABS V0
Splice tray holder material	ABS V0
Ingress protection	IP54

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ADDITIONAL EQUIPMENT

FO Adapters:	Axxx-xx
Splitters:	FPLC-xx in AluBox closure
Pigtails:	G-xx, T-xx
Cable reserve frame: -galvanized -galvanized and painted	 SZ-D-S8-ZN SZ-D-S8-ZN-P
Mounting kit for old Cable reserve frames	SZ-D-S8-PAD
Splice tray	SCM-B-12H
Patch field holder	
Key - for triangle type cylinder lock	FB-KL-T-7
Key - for square type cylinder lock	FB-KL-K-7
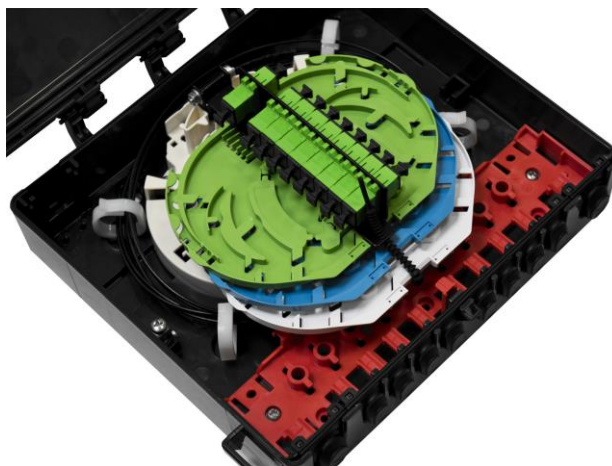
Internal view of OBP-S8.
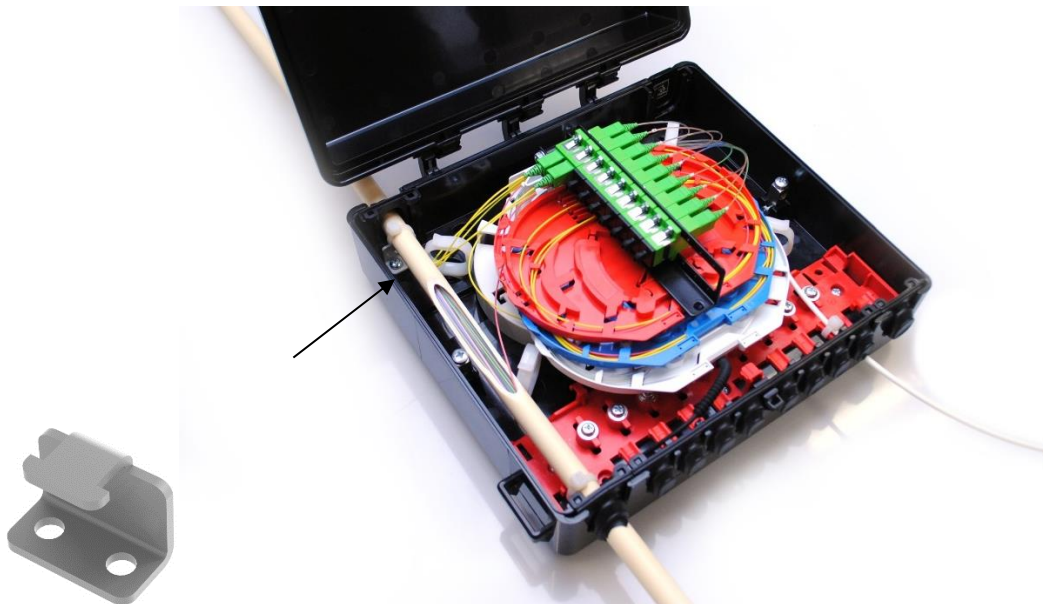
View of equipped OBP-S8 distribution box with mounted cable holder for indoor application.

-triangle type   - square type   - notch type

Types of cylinder lock.

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ORDERING INFORMATION:

OBP-S8-ABC-DDEF-GHIJK-L-M-N-O-PP   **Ordering syntax**;

A – Colour of first splice tray:	1 – white with cover, 2 – blue with cover
B – Occurrence and colour of second splice tray:	0 – none, 1– white, 2 – blue,
C – Occurence and colour of third splice tray:	0 – none, 1 – white, 2 – blue,
DD - Number of FO adapters:	0 – 12
E - Adapter class:	1 – Standard One-Piece, 2 – Premium Super One-Piece 3 – Premium One-Piece with internal shutter,
F - Type of FO adapter (only flange):	0 – none 1 – SC/PC, 2 – SC/APC, 3 – E2000/PC (standard type), 4 – E2000/APC (standard type),
G - Splitters number:	0 – none, 1 – one, 2 – two, 3 – three, 4 – four;
H – Split of 1st splitter:	0 – none, 1 – 1:2, 2 – 1:4, 3 – 1:8;
I – Split of 2nd splitter:	0 – none, 1 – 1:2, 2 – 1:4, 3 – 1:8;
J - Split of 3rd splitter:	0 – none, 1 – 1:2, 2 – 1:4, 3 – 1:8;
K- Split of 4th splitter:	0 – none ,1 – 1:2, 2 – 1:4, 3 – 1:8;
L – Cable reserve frame:	0 – none 1 – yes
M – Adapter panel:	0 – none 1 – 9xSC SX 2 – 12xSC SX
N- Cable holders (for OBP-S8 indoor application):	0 – none 1 – yes
O - Cylinder lock type:	N – notch type T – triangle type K – square type
PP – Closure colour	BK – black

Example:
OBP-S8-211-0912-22200-1-1-0-N-BK   Fibrain distribution box OBP S8 equipped with 3 trays for 12 splices each (1x blue, 2x white), 9xSC/APC standard adapters, 2xAluBox splitters (1x4 each), cable reserve frame, panel for 9 adapters, notch type cylinder lock, black housing.