FIBRAIN®

Type:	Outdoor fiber optic cabinets	
Ref:	FDH-F2-x, see ordering information	REV: 1.0
Date:	21.08.2019	DP
Modification:	-	-

FTTH Solutions

Fibrain outdoor fiber optic cabinet **F2**

DESCRIPTION:

Fibrain outdoor fiber optic cabinet FDH-F2 ensure very fast installation and distribution of fibers to end users. The casing is made of fire-resistant and self-extinguishing insulated composite, characterized by high resistance to mechanical damage and weather conditions. Built-in internal organizer offers a clear cable management and allows the installation of 45 SC SX / LC DX adapters and 4 splitters, thus the cabinet is ideal solution as a FTTH distribution point. Cabinet allows to organise up to 5m of cable stock and has a removable plate with cassettes enabling to perform splicing outside of the housing. An additional advantage of the cabinet is the door with 180° opening angle which can be disassembled together with the front panels of the housing providing maximum access to its interior.

APPLICATION:

Distribution point of FTTH network;
Local networks;
Last mile networks;
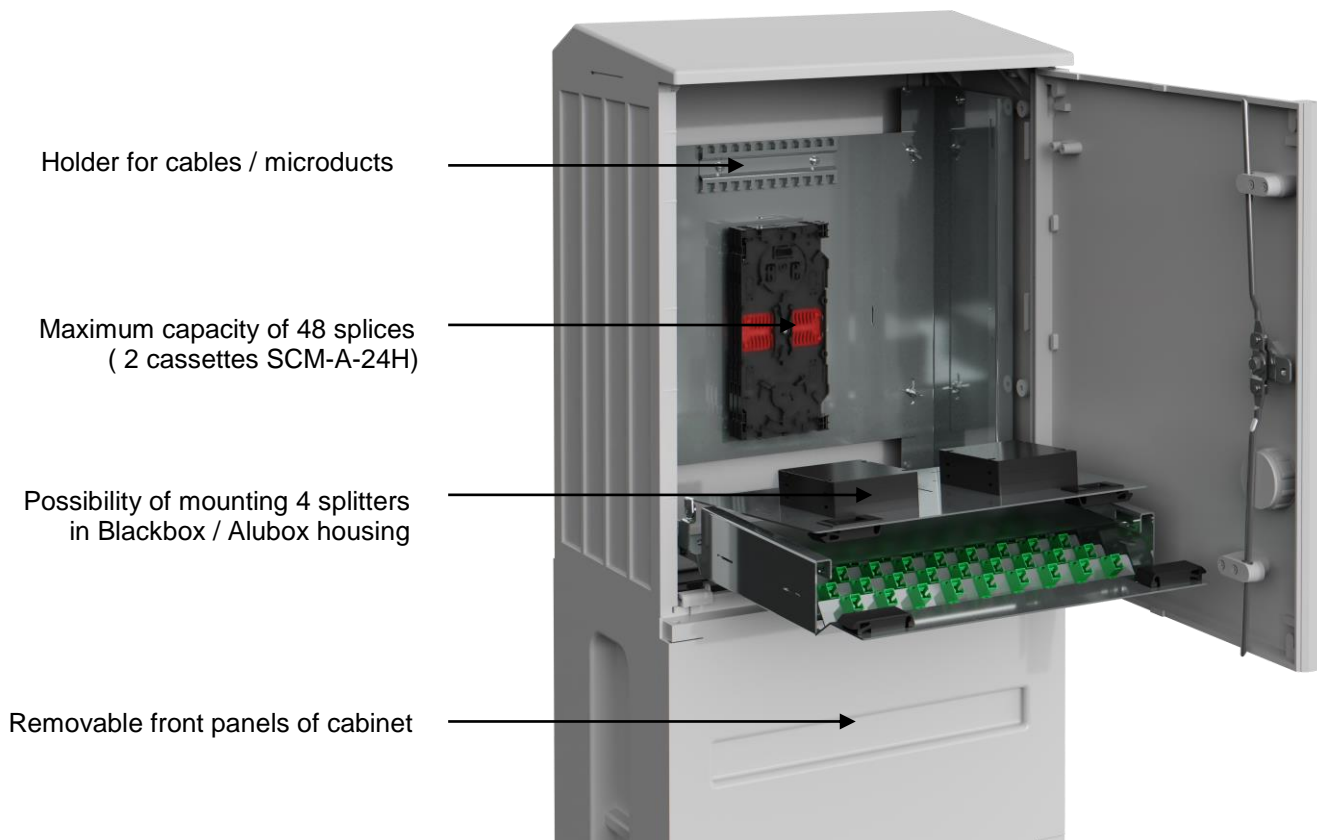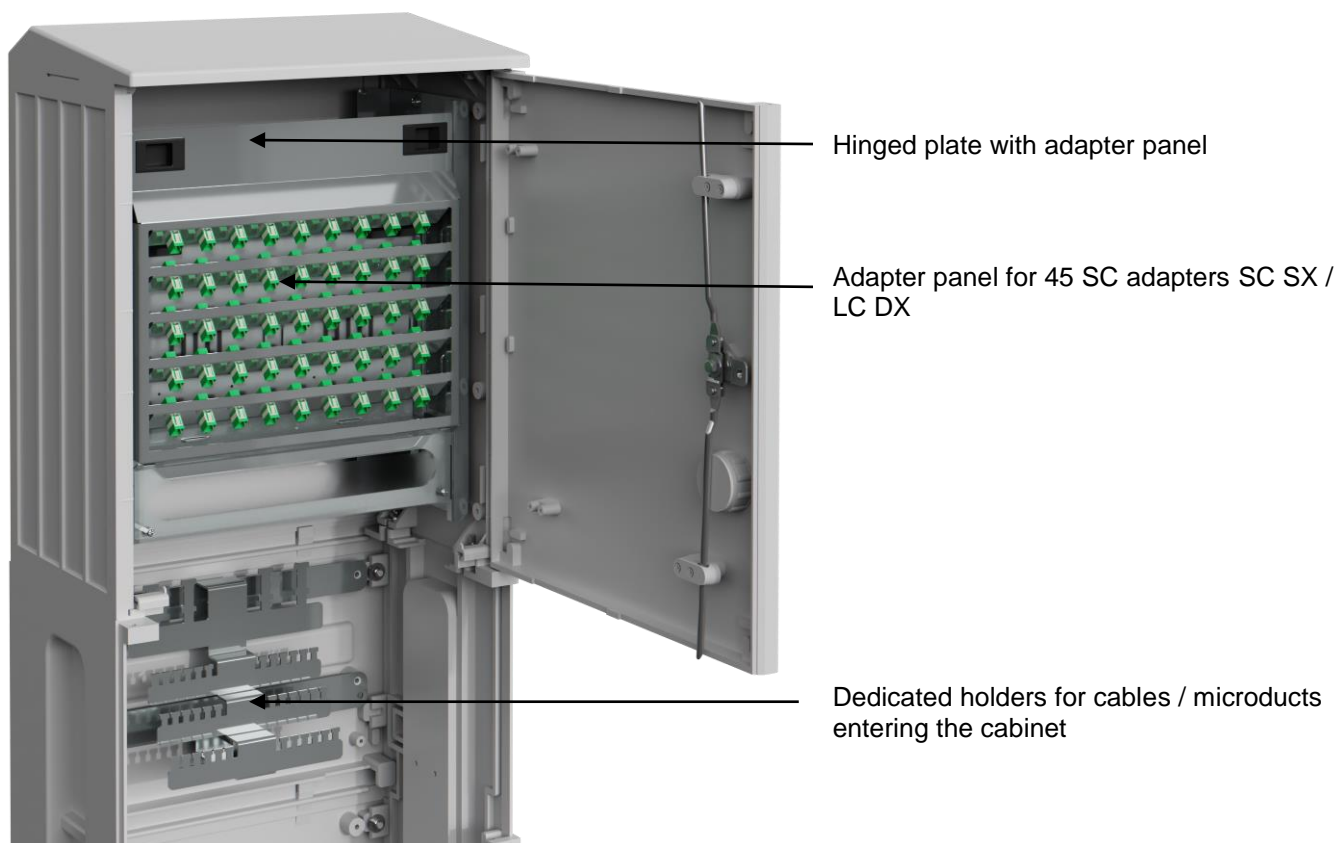Fiber optic microduct system.

FEATURES & BENEFITS:

Housing material: fibreglass reinforced with polyester;
Hinged plate with adapter panel:
Dedicated holders for cables / microducts entering the cabinet;
Maximum capacity of 48 splices;
Adapter panel for 45 SC adapters;
Possibility of mounting 4 splitters in Blackbox / Alubox housing;
Possibility of storage up to 5m of cable stock:
Optional lock for front door.

TECHNICAL SPECIFICATION:

Technical data	FDH-F2
Maximum number of splices	48
Maximum number of adapters	45
Adapter type	SC, LC DX
Maximum number of splitters (Blackbox, Alubox)	4
Cabinet dimensions with basis (W)x(H)x(D) [mm]	400x1416x266
Front door dimensions [mm]	400x456
Cabinet height above the ground	756
Flammability class	V0
Internal organizer material	Aluminum
Housing material	Fibreglass + polyester
Impact protection	IK10
Ingress protection	IP54

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Hinged plate with adapter panel

Adapter panel for 45 SC adapters SC SX / LC DX

Dedicated holders for cables / microducts entering the cabinet

Holder for cables / microducts

Maximum capacity of 48 splices (2 cassettes SCM-A-24H)

Possibility of mounting 4 splitters in Blackbox / Alubox housing

Removable front panels of cabinet

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ORDERING INFORMATION:

FDH-F2-AABC-DDEFGHH-IJK-LM-N-O-PP   Ordering syntax::

AA – Adapter quantity	0 – 45
B – Adapter class	0 – none 1 – Standard One-Piece 2 – Premium One-Piece with internal shutter
C – Adapter type	0 – none 1 – SC/PC 2 – SC/APC 3 – LC/PC 4 – LC/APC
DD – Pigtail quantity	0 - 45
E – Fiber type	A – G.652D B – G.655 C – G.656 D – G.657A1 E – G.657A2 F – G.657B2 G – G.657B3
F – Connector type	1 – SC/PC 2 – SC/APC 3 – LC/PC 4 – LC/APC
G – Pigtail class	G – Gold
HH- Colour identification	01 – pigtails with yellow 0,9mm buffer 02 – T TELECOM (acc. to IEC60304)
I - Splitter quantity	0-4
J – Splitter housing	0 – none 1 – Alubox 2 – Blackbox
K – Splitter type	0 – none 1 – 1:2 2 – 1:4 3 – 1:8 4 – 1:16 5 – 1:32
L – Splice cassette quantity	0 – 2
M – Splice cassette type	0 – none 1 – SCM-A-12H 2 – SCM-A-24H
N – Expanded clay	0 – none 1 – equipped
O – Lock	0 – none 1 – equipped
PP – Cabinet colour	GY – grey

Example:
FDH-F2-4512-0000000-000-22-1-1-GY   Fibrain outdoor fiber optic cabinet FDH-F2 equipped in 45 adapters SCA Standard class, 2 splice cassettes SCM-A-24H, expanded clay, lock, grey colour.

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