

Type:	Outdoor fiber optic cabinets	
Ref:	FDH-F3-x, see ordering information	REV: 1.0
Date:	22.08.2019	DP
Modification:	-	-

## FTTH Solutions

### Fibrain outdoor fiber optic cabinet FDH-F3



#### DESCRIPTION:

Fibrain outdoor fiber optic cabinet FDH-F3 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 85 SC SX / LC DX adapters and 6 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.

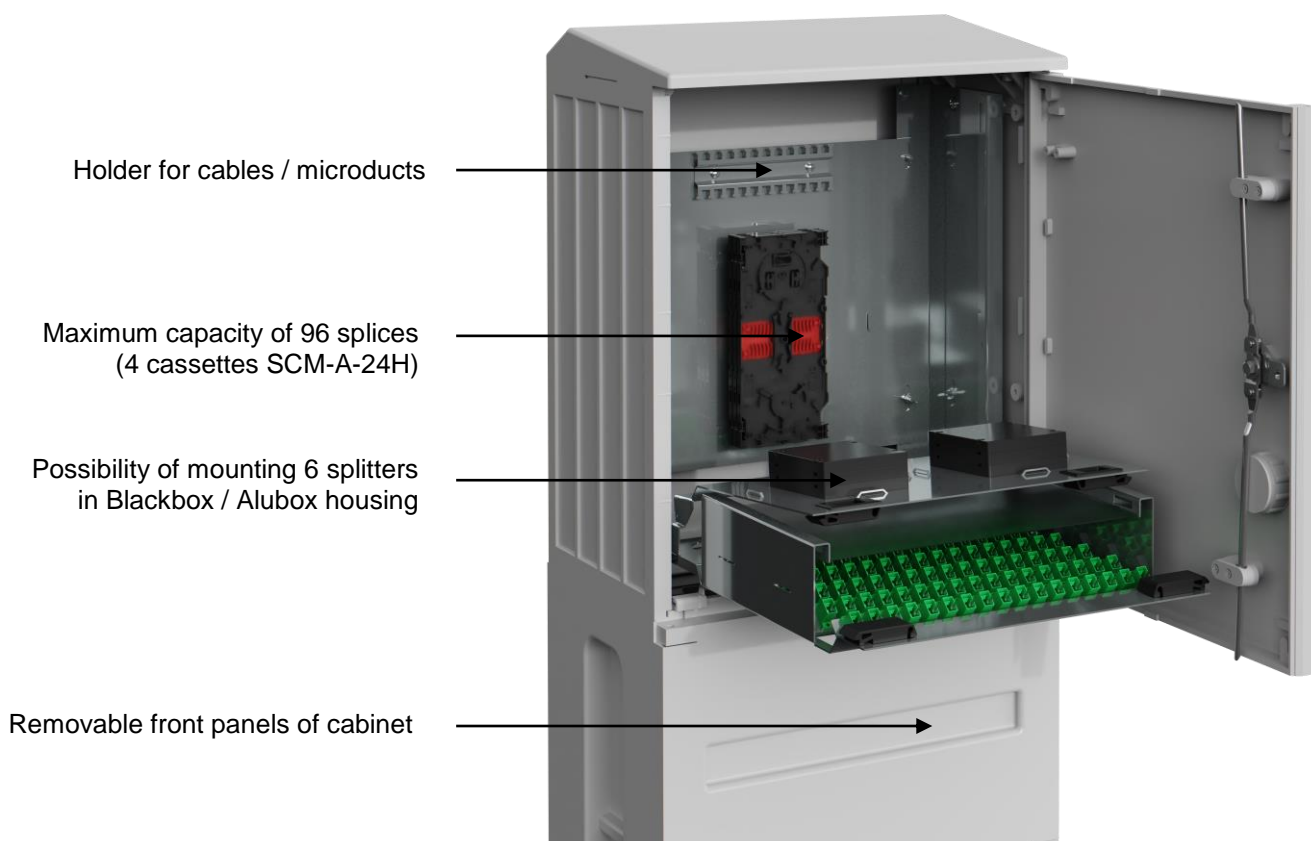
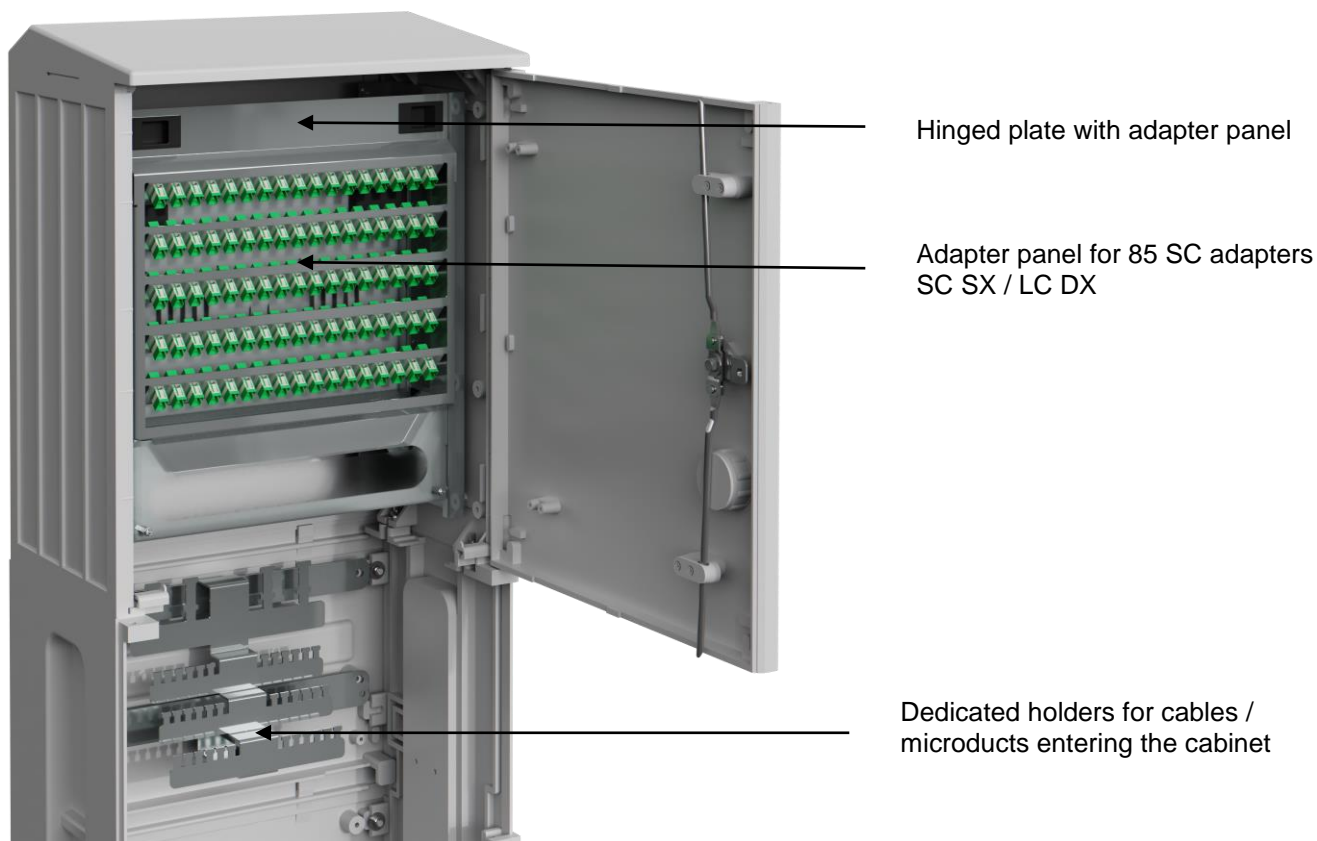
#### FEATURES & BENEFITS:

Housing material: fibreglass reinforced with polyester;  
Hinged plate with adapter panel;  
Dedicated holders for cables / microducts entering the cabinet;  
Maximum capacity of 96 splices;  
Adapter panel for 85 SC adapters;  
Possibility of mounting 6 splitters in Blackbox / Alubox housing;  
Possibility of storage up to 5m of cable stock;  
Optional lock for front door.

#### TECHNICAL SPECIFICATION:

Technical data	FDH-F3
Maximum number of splices	96
Maximum number of adapters	85
Adapter type	SC, LC DX
Maximum number of splitters (Blackbox, Alubox)	6
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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### ORDERING INFORMATION:

#### FDH-F3-AABC-DDEFGHH-IJK-LM-N-O-PP

#### Ordering syntax:

AA – Adapter quantity	0 – 85
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 - 85
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	0-6
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 – 4
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-F3-8512-0000000-000-42-1-1-GY**

Fibrain outdoor fiber optic cabinet FDH-F3 equipped in 85 adapters SCA Standard class, 4 splice cassettes SCM-A-24H, expanded clay, lock, grey colour.

#### Important notice

Buyer and/or user of this product has to make sure before using this product that it is suitable for the intended use. All questions of liability relating to this product are subject – in accordance with the prevailing – to the Term of Sale of the selling Fibrain subsidiary.