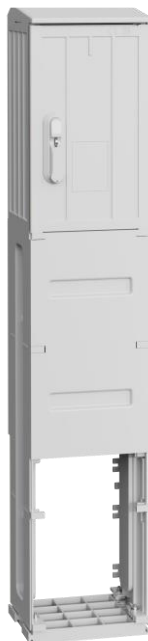


Type:	Outdoor fiber optic cabinets	
Ref:	FDH-F1-x, see ordering information	REV: 1.0
Date:	16.07.2019	DP
Modification:	-	-

## FTTH Solutions

### Fibrain outdoor fiber optic cabinet FDH-F1



#### DESCRIPTION:

Fibrain outdoor fiber optic cabinet FDH-F1 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 27 SC SX / LC DX adapters and 3 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.

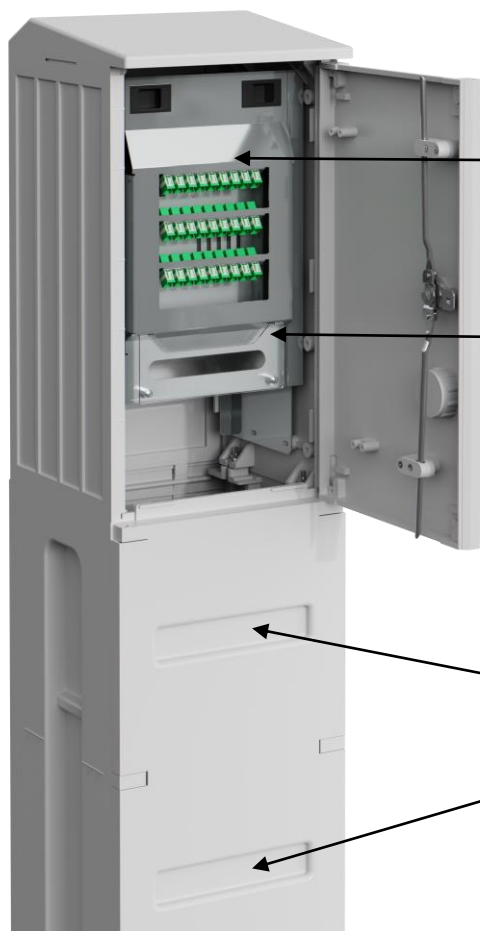
#### FEATURES & BENEFITS:

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 27 SC adapters;  
Possibility of mounting 3 splitters in Blackbox / Alubox housing;  
Possibility of storage up to 5m of cable stock;  
Optional lock for front door.

#### TECHNICAL SPECIFICATION:

Technical data	FDH-F1
Maximum number of splices	48
Maximum number of adapters	27
Adapter type	SC, LC DX
Maximum number of splitters (Blackbox, Alubox)	3
Cabinet dimensions with basis (W)x(H)x(D) [mm]	260x1416x266
Front door dimensions [mm]	260x472
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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Modification:	-	-



Hinged plate with adapter panel

Adapter panel for 27 SC adapters SC SX / LC DX

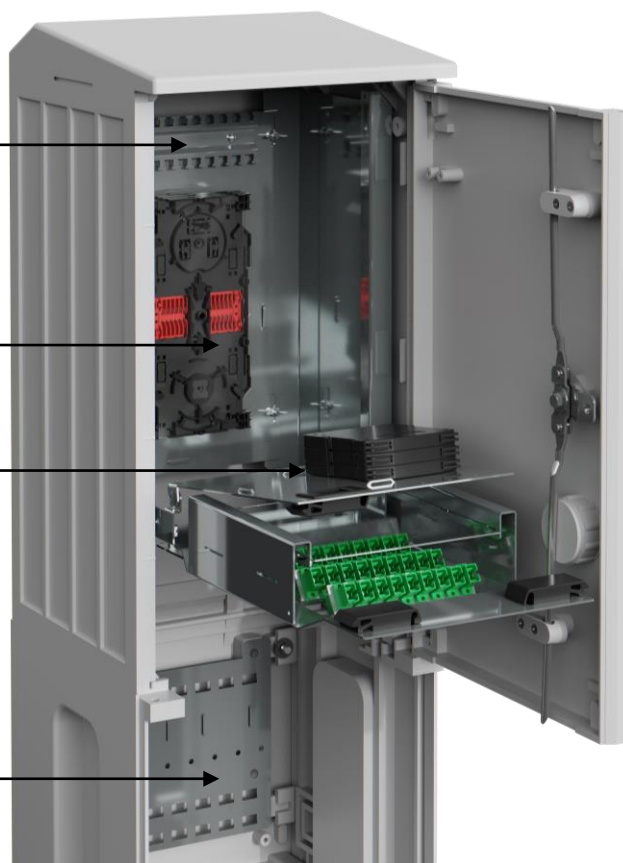
Removable front panels of cabinet

Holder for cables / microducts

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

Possibility of mounting 3 splitters in  
Blackbox / Alubox housing

Dedicated holders for cables /  
microducts entering the cabinet



Type:	Outdoor fiber optic cabinets	
Ref:	FDH-F1-x, see ordering information	REV: 1.0
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Modification:	-	-

## FTTH Solutions

### ORDERING INFORMATION:

#### FDH-F1-AABC-DDEFGHH-IJK-LM-N-O-PP

#### Ordering syntax:

AA – Adapter quantity

0 – 27

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 - 27

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

0-3

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

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-F1-2712-0000000-000-22-1-1-GY**

Fibrain outdoor fiber optic cabinet FDH-F1 equipped in 27 adapters SCA Standard class, 2 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.