Type:	Outdoor fiber optic cabinets	
Ref:	FDH-E2-x, see ordering information	REV: 1.0
Date:	23.08.2019	DP
Modification:	-	-

FIBRAIN®

FTTH Solutions

Fibrain outdoor fiber optic cabinet **FDH-E2**

DESCRIPTION:

Fibrain outdoor fiber optic cabinet FDH-E2 ensure very fast installation and distribution of fibers to end users. The casing is made of fire-resistant and self-extinguishing insulating composite, characterized by high resistance to mechanical damage and weather conditions. Thanks to removable, compact design of the internal organizer and the possibility of installing 39 SC SX / LC DX adapters, the cabinet is an ideal solution as a distribution point for FTTH networks. 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;
Removable internal organizer made of galvanized steel;
Dedicated holders for cables / microducts entering the cabinet;
Maximum capacity of 120 splices;
Adapter panel for 39 SC adapters;
Possibility of mounting 3 splitters in Blackbox / Alubox housing;
Possibility of storage up to 5m of cable stock:
Optional separating plate with 3 cable membranes;
Optional lock for front door.

TECHNICAL SPECIFICATION:

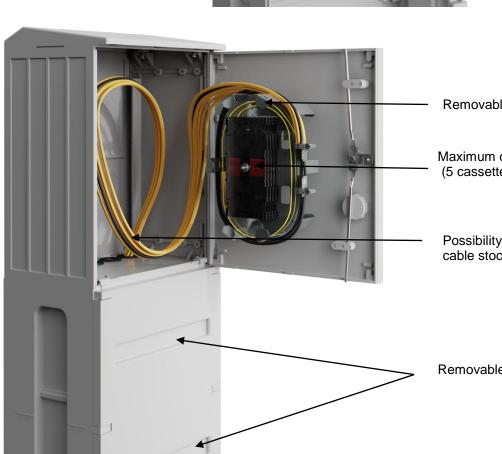| Technical data	FDH-E2
Maximum number of splices	120
Maximum number of adapters	39
Adapter type	SC, LC DX
Maximum number of splitters (Blackbox, Alubox)	3
Cabinet dimensions with basis (W)x(H)x(D) [mm]	400x1416x266
Front door dimensions [mm]	456x400
Cabinet height above the ground	756
Flammability class	V0
Internal organizer material	Galvanized steel
Housing material	Fibreglass + polyester
Impact protection	IK10
Ingress protection	IP54

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Possibility of mounting 3 splitters in Blackbox / Alubox housing

Adapter panel for 39 SC adapters

Separating plate with 3 cable membranes (option)

Holder for cables / microducts entering the cabinet

Removable internal organizer

Maximum capacity of 120 splices (5 cassettes SCM-A-24H)

Possibility of storage up to 5m of cable stock

Removable front panels of cabinet

FIBRAIN®

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ORDERING INFORMATION:

FDH-E2-AABC-DDEFGHH-IJK-LM-N-O-P-RR   **Ordering syntax**:

AA – Adapter quantity	0 – 39
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 – 26
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 – 5
M – Splice cassette type	0 – none 1 – SCM-A-12H 2 – SCM-A-24H
N – Separating plate	0 – none 1 – equipped
O – Expanded clay	0 – none 1 – equipped
P – Lock	0 – none 1 – equipped
RR – Cabinet colour	GY – grey

Example:
FDH-E2-3912-0000000-000-52-0-1-1-GY   Fibrain outdoor fiber optic cabinet FDH-E2 equipped in 39 adapters SCA Standard class, 5 splice cassettes SCM-A-24H, expanded clay, lock, grey colour.