FIBRAIN®

Type:	Wall-mounted fiber optic box	
Ref:	BU-XN-x, see ordering information	REV: 1.2
Date:	01.02.2019	DP
Modification:	09.04.2019	DP

FTTH Solutions

Fibrain wall-mounted fiber optic box **BU-XN**

✓ **PATENT PENDING**

DESCRIPTION:

Fibrain BU-XN is a compact wall-mounted fiber optic box designed for flexibility during installation as well as customization options due to its modular design. Single box can accommodate up to 12 splices or be equipped in 5 adapters. A characteristic feature of BU-XN is the possibility of aggregating in segments and extension also on customer's premises. BU-XN as a distribution point enables uncut cable installation and branching of the optical fiber in three directions. The construction of the housing inside provides wide range of fiber organization as well as the assembly of the Alubox splitter type. As a standard, it is equipped with cable glands with zip ties and mounting dowels.

APPLICATION:

Indoor distribution box for FTTH network;
Inspection window.

BENEFITS & FEATURES:

Housing material PC+ABS – ensures high mechanical resistance;
Light and compact design;
Optional splice holders for 6 splices;
Optional panel for 5 adapters;
Possibility of mounting Alubox PLC splitters in splice holder;
Dedicated mounting points for inline and drop cable;
Possibility of installation up to 8 drop cables;
Maximum 2 splice holders per box.

TECHNICAL SPECIFICATION:

Technical data	BU-XN
Maximum splices number	12
Maximum adapters number	5
FO adapter type (flangeless only)	SC, LC
Maximum cable diameter	
-inline cable port	Ø15mm
-drop cable port	Ø5mm
Dimensions (W)x(H)x(D) [mm]	72x160x29
Temperature range	-20°C do +50°C
Housing material	PC + ABS
Splice holder material	PP
Adapter panel material	PC + ABS
Ingress protection	IP44

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ADDITIONAL EQUIPMENT:

✓		Adapters (flangeless type)	AXXX-xx
		Adapter panel (for 5 adapters)	BU-XN-AP
		Splice protection sleeves	FB7442
		Splice holder (for 6 splices)	BU-XN-SH
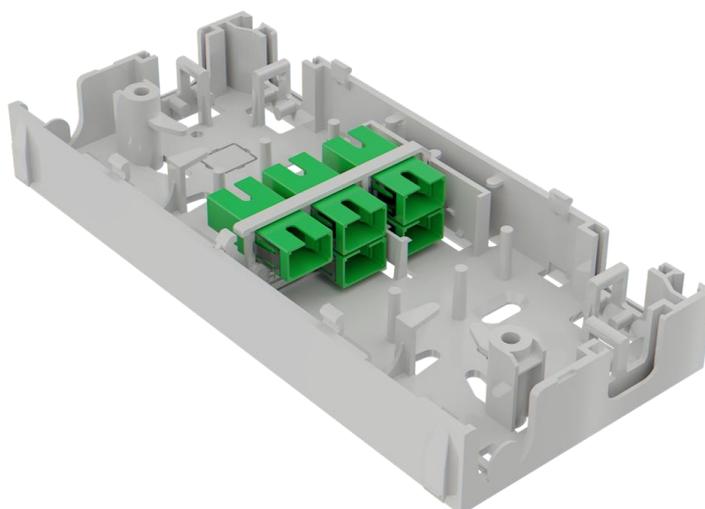
View of housing equipped in adapter panel and SCA adapters.
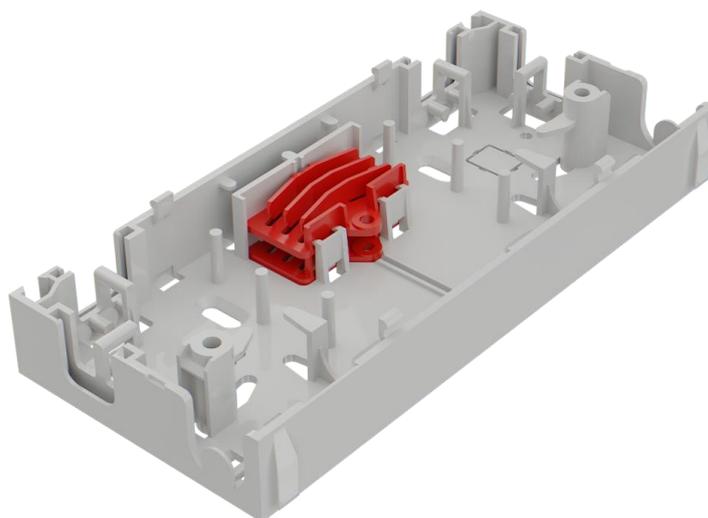
View of housing equipped in two splice holders.

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ORDERING INFORMATION:

BU-XN-ABCD-EFF-GG   **Ordering syntax:**

A – Adapter panel:
  0 – none
  1 – equipped

B – Number of FO adapter:
  0 – 5

C – Adapter class:
  1 – Standard One-Piece
  2 – Premium One-Piece with internal shutter

D – Type of FO adapter (flangeless):
  0 – none
  1 – SC/PC
  2 – SC/APC
  3 – LC/PC
  4 – LC/APC

E – Number of splice holder:
  0 – 2

FF – Number of protection sleeve:
  0 – 12

GG – Housing colour:
  WH – white

Note: box can not be equipped in adapter panel and splice holder simultaneously.

Example:
BU-XN-1512-000-WH   Fibrain BU-XN wall mounted fiber optic box equipped in adapter panel, 5x SCA Standard adapter, white housing.

✔ **PATENT PENDING**