FIBRAIN®

NEW

PRODUCT INNOVATIONS

FOBP CLOSURES

REINFORCED PATCHCORDS & PIGTAILS

BU-XN

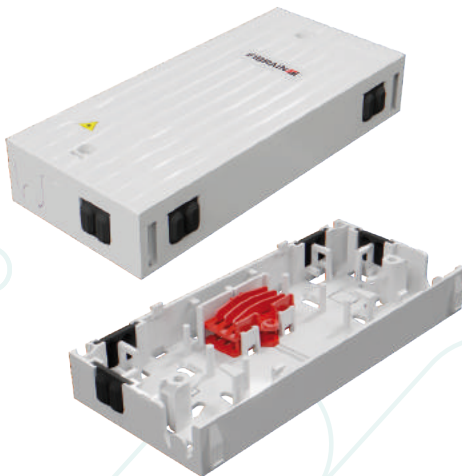**NEW SYSTEM OF FIBER OPTIC CABLES PACKAGING**

FIBRAIN
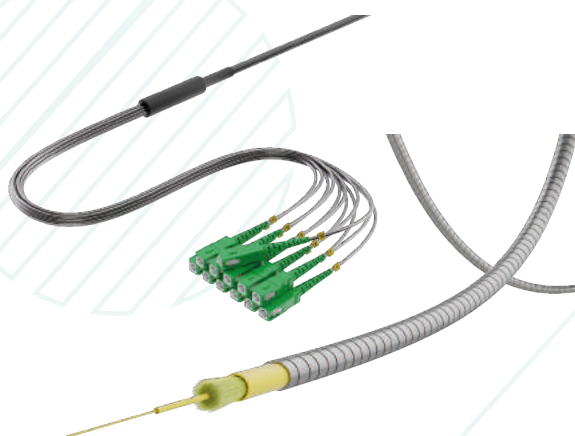# product innovations

FOBP closures

BU-XN

FIBRAIN®

NEW

Rapid Box with VFTO-E1

New system of fiber optic cables packaging

Pre-connectorized solution for harsh application

Series of
FOBP
closures

FOBP closure is available in two options of the sealing and two options of the capacity. FOBP closure is available in two options:

- **thermic sealing** of cable ports
- **thermo-mechanic sealing** of cable ports

Thermic option is equipped with 4 round ports for single cables (cut) of max. diameter 20mm, 8 oval ports for single cables of max. diameter 10mm and one round port designed for uncut cables of 25mm diameter.

Thermo-mechanic option is equipped with 2 round ports with different version of multiple inserts for single cables (cut), 8 oval ports for single cables of max. diameter 10mm and one oval port designed for uncut cables of 25mm diameter.

Maximum closure capacity is 144 fibers or 288 fiber depending on the option chosen. Therefore, there is a possibility to equip the closure with extra 9 or 18–port adapter field. The closure can be widely used in all kinds of architecture of FTTx telecommunication system.

FOBP-144

250 · 149 · 250 · 149 · 438 · 293 · 162
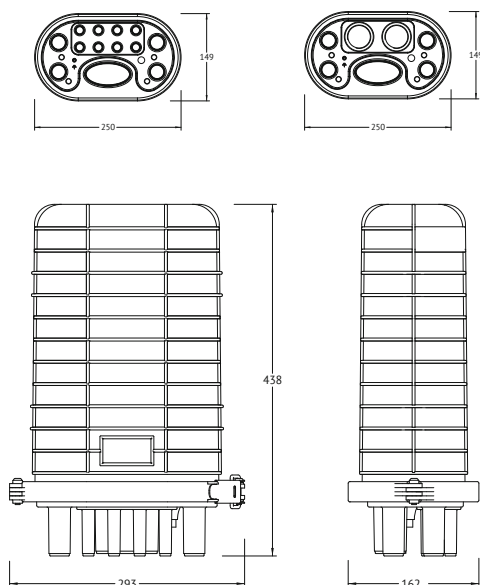
Dimensions [mm]: 438x293x162 (height/width/depth)
Capacity: max. 144 splices

FOBP-288

568 · 293 · 162
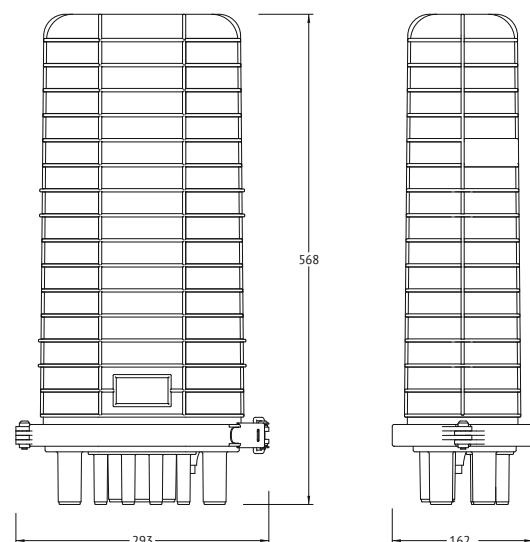
Dimensions [mm]: 568x293x162 (height/width/depth)
Capacity max: max. 288 splices

Base options

THERMIC

LINE PORTS

Cable diameter: max. 20 mm (4x) + oval (1x)

CUSTOMER PORTS (8X)

Cable diameter: 3-10 mm

THERMO-MECHANIC

LINE PORTS

Cable diameter: max. 20 mm (4x) + oval (1x)

CUSTOMER PORTS (2X4)

Cable diameter/dimensions: 3-6, 6-8, 8-10, 8.3x4.6 mm

Membrane insert for various cable diameters

CABLE GROMMETS IN A THERMO-MECHANIC BASE

BASE

SEALING

CABLE GLAND

Membrane insert for aerial applications

For Φ 3-6 mm cables

For Φ 6-8 mm cables
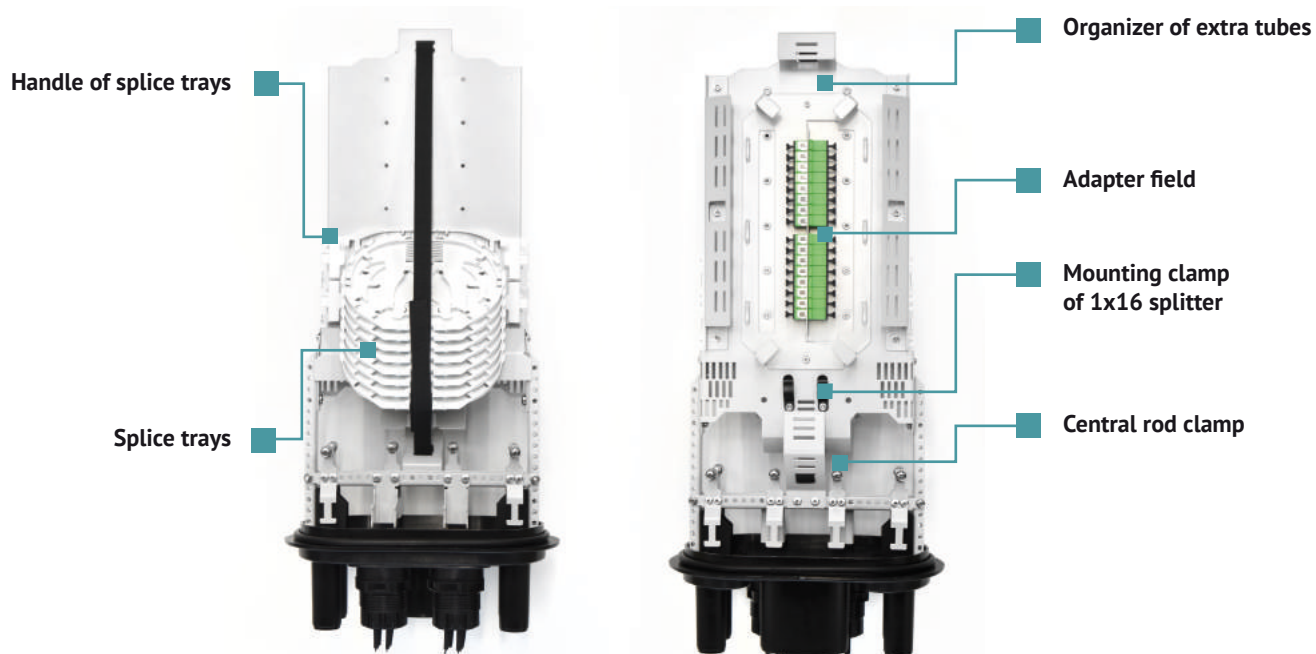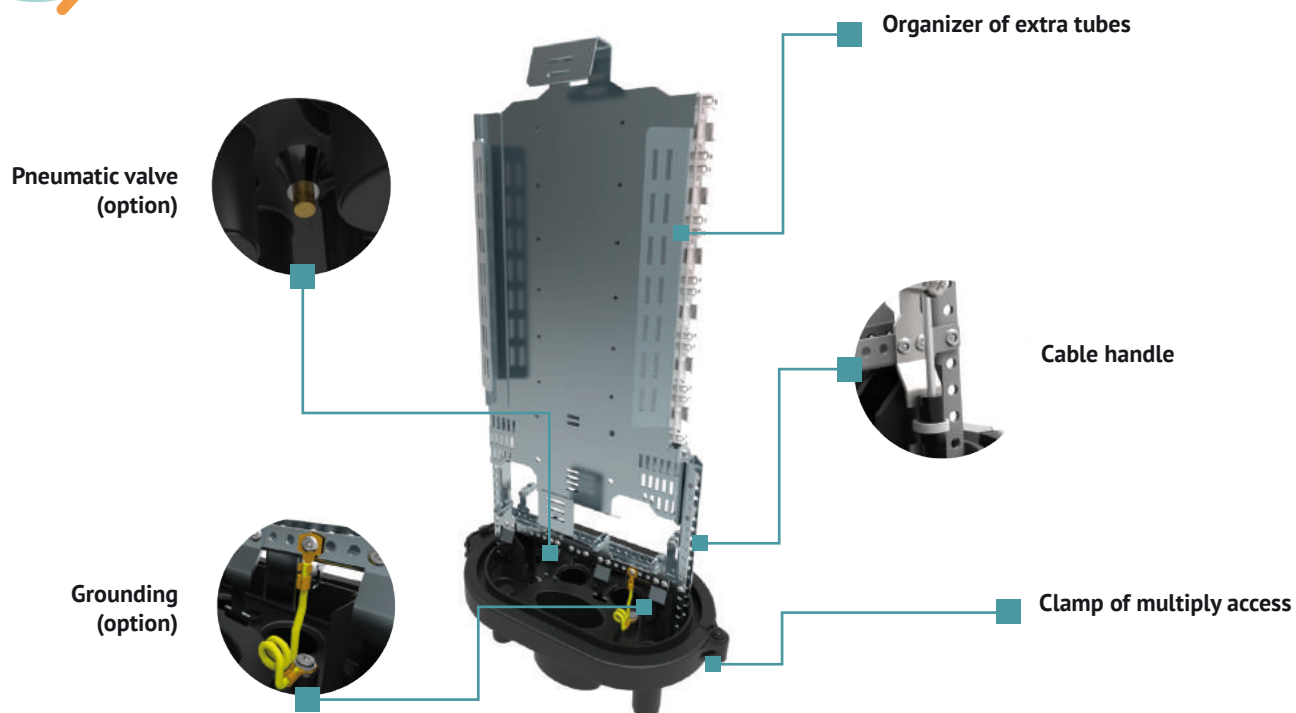
For Φ 8-10 mm cables

For 8.3 x 4.6 mm flat cables

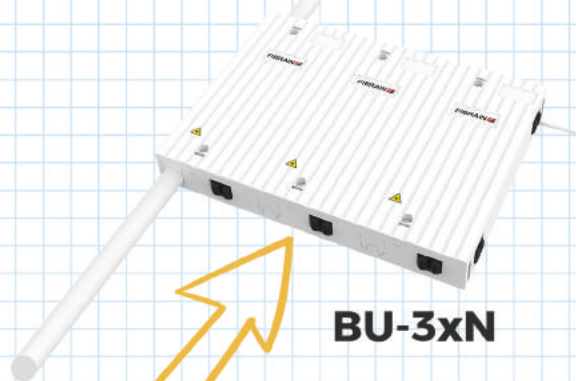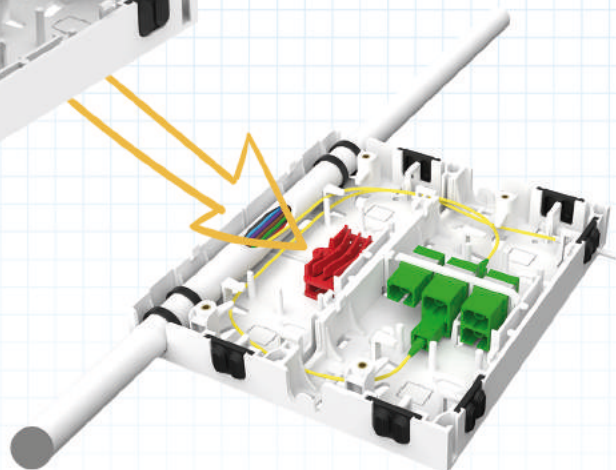# Inter-organization

Pneumatic valve
(option)

Grounding
(option)

Organizer of extra tubes

Cable handle

Clamp of multiply access

Handle of splice trays

Splice trays

Organizer of extra tubes

Adapter field

Mounting clamp
of 1x16 splitter

Central rod clamp

BU-1xN
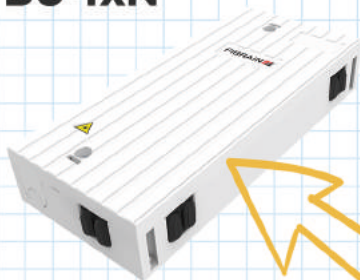
BU-3xN

ONE
PRODUCT
MANY
POSSIBILITIES

AVAILABLE FROM
FEBRUARY 2019

BU-2xN

BU-XN

FIBRAIN ®

✓ PATENT PENDING

BU-XN

✓ **breakout unit for internal-building systems with Eac cables**

✓ **stackable construction makes the product tailor made**

✓ **dimensions (w)x(h)x(d): 72x160x27**

✓ **can be used as:**

- cable protection cover for protecting the window cut
- breakout unit for distribute the fiber from vertical EAC cable to a customer premise
- Wall mounted cabinet for spliced connection
- Wall mounted cabinet with adapter panel
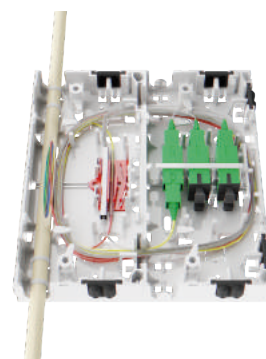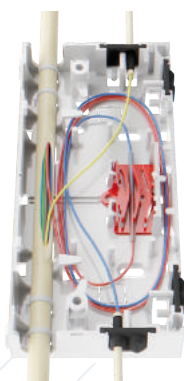
BU-XN – examples of application
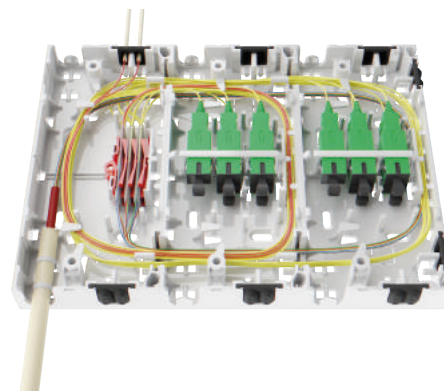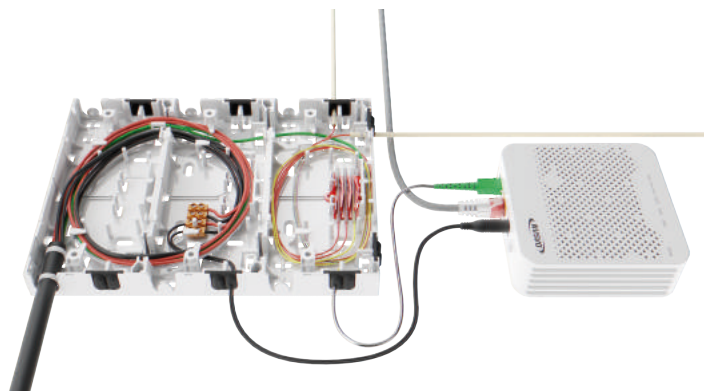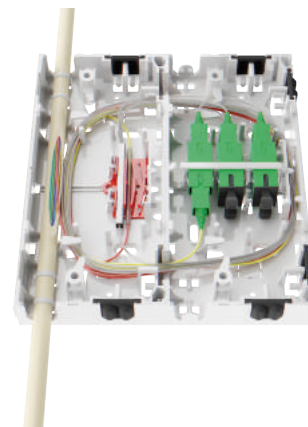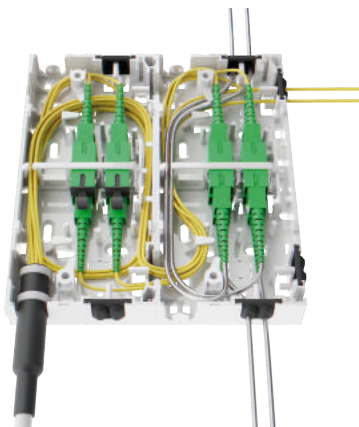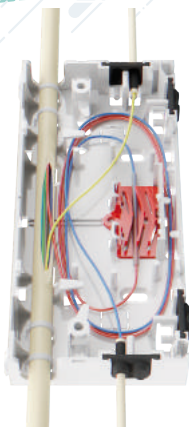
Rapid Box with VFTO-E1

- ✓ **VFTO-E1 customer outlet with pre-connectorized cable coiled on a cardboard cable drum**

- ✓ **compact and innovative design**

- ✓ **lower costs and installation time**

- ✓ **VFTO-E1 customer outlet is designed for FTTH networks as a termination point for max. 4F**

- ✓ **modern and compact design**

- ✓ **shuttered adapters for eyes protecting**

The Rapid Box system significantly speeds up the installation of the cable due to the elimination of cable entanglement possibilities.

Capacity:

70m
Ø4.0mm cable

130m
Ø3.0mm cable

300m
Ø2.0mm cable

FIBRAIN
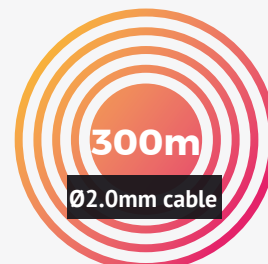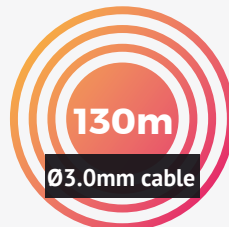
New system of fiber optic cables packaging

Better installation of the drop cable family and AERO-DR03 cable, easy transport and handling, lower transport cost – it's only few features of the new packaging system.

- ✓ handles for easy transport and handling

- ✓ significantly speeds up the installation of the cable due to the elimination of cable entanglement possibilities

- ✓ no need to use additional equipment to unwind the cable

- ✓ cardboard ecological packaging that facilitates transport and storage of cables

- ✓ prepared for VC-D20, VC-D30, VC-D40 and AERO-DR03 cable

Pre-connectorized solution for HARSH application

Armoured series consists of products:

- ✔ **standard patchcord rainforced with spiral steel**

- ✔ **cross-connect drop patchcord with armoured fanouts**

- ✔ **pre-connectorized multi-fiber cables with armoured fanouts**

Features and benefits:

- ✔ **Crush resistance up to 2000 N/100mm2**

- ✔ **Protected from rodent and minor crush**

- ✔ **Flexibility**

Reinforced
patchords & pigtails

Our patchcords and pigtails now available in reinforced version!

Just as flexible, but even more durable!

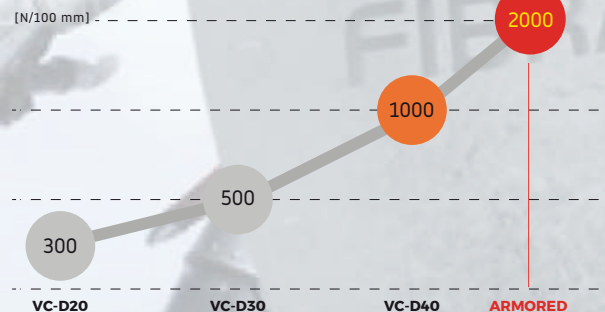| high flexibility	spiral construction	2000N crush resistance	kevlar-reinforced inner tube	3 mm outer diameter

Crush resistance

[N/100 mm]

300	500	1000	2000
VC-D20	VC-D30	VC-D40	ARMORED

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www.fibrain.com

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