# FIBRAIN®

| Type: | Premium telescopic patch panel | |
|---|---|---|
| Ref: | PST-Ax | REV: 2.0 |
| Date: | 29.04.2014 | WM |
| Modifiction: | 21.07.2022 | DP |

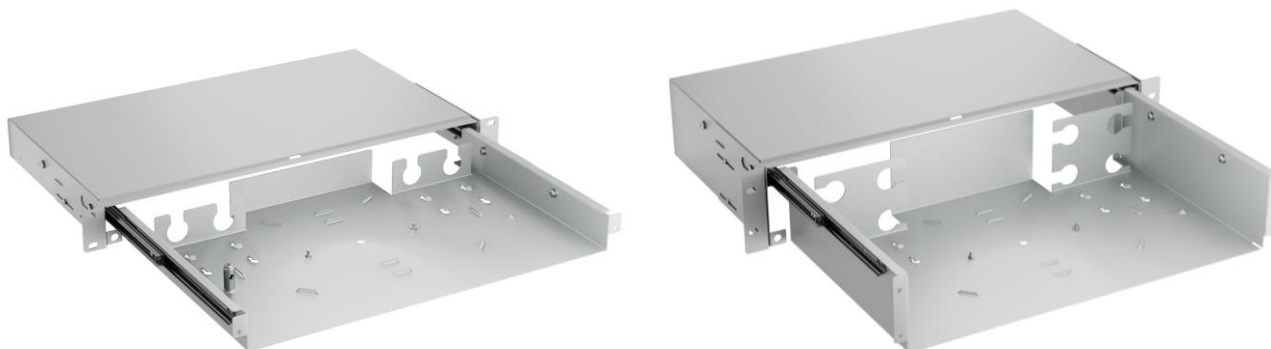## Distribution solutions

## FIBRAIN PST-Ax telescopic patch panel



### DESCRIPTION:

- Available in 1U and 2U
- Full opening on telescopic rails
- Cable entries in a rear part of the shelf (4pcs in 1U and 8pcs in 2U) are available in two configuration:
  - perpendicular cable entries in PST-A1-x type
  - cable entries at an angle of 45° and perpendicular in PST-A2-x type
- Internal perforation to manage tubes and fibers
- Faceplates ready for mounting adapters without screws
- Optional front shelf to facilitate the management of patchcords
- Adjustable side handles
- Front plates can be optionally locked with a key
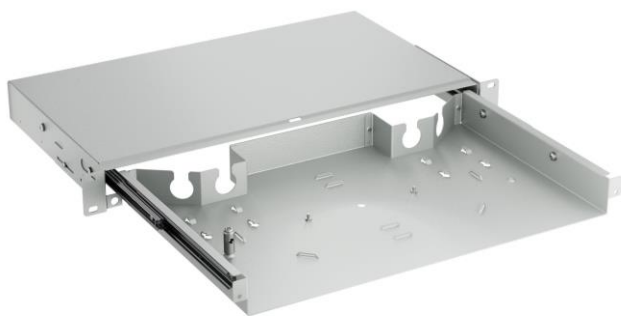- Holder for the strength element of cable

### TECHNICAL SPECIFICATION:

| Technical data | PST-Ax-01 | PST-Ax-02 |
|---|---|---|
| Height | 1U (44mm) | 2U (88mm) |
| Width | 19" (482,6mm) | 19" (482,6mm) |
| Depth | 255mm | 255mm |
| Maximum cassette capacity | 4 | 6 |
| Material | Powder painted steel | |



Perpendicular cable entries in PST-A1-x type

Fibrain Sp. z o.o., ul. Wspólna 4a, 35-205 Rzeszów, Poland   tel:+48 17 866 08 12;   email:info@fibrain.com;   web: www.fibrain.com

1

# FIBRAIN®

## Distribution solutions




Cable entries at an angle of 45° + perpendicular in PST-A2-x type
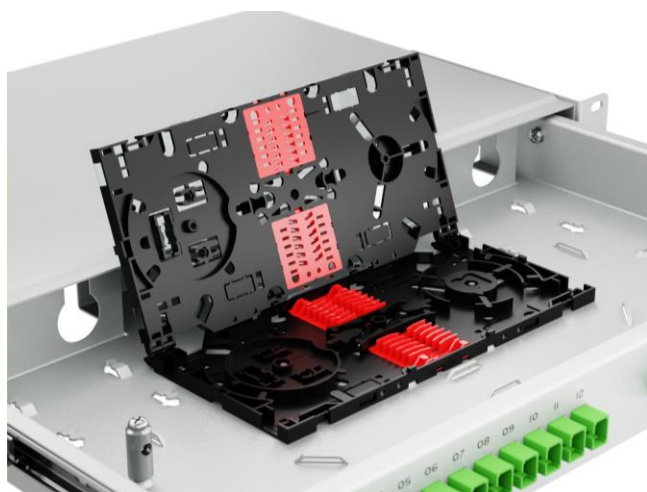


Hinged splice cassette



Example of equipped patch panel

**ADDITIONAL EQUIPMENT:**

| | | |
|---|---|---|
| Mounting screws | | KSM-M6-KPL |
| Splicing cassette for 12 splices | | SCM-A-12 |
| Splicing cassette for 24 splices | | SCM-A-24 |
| Patchcord management shelf | | FB2030G.V2P |
| Central bolt mounting set for splice cassette for PST 1U patchpanel | | PST-AX-01-CB |
| Central bolt mounting set for splice cassette for PST 1U patchpanel | | PST-AX-02-CB |
| **Front plates** | | |
| **1U** | 12x ST,FC | FB2030 |
| | 12x ST,FC with lock | FB2030K |
| | 12x SC,LC,E2000 simplex | FB2031 |
| | 12x SC,LC,E2000 simplex with lock | FB2031K |
| | 12x SC duplex | FB2032 |
| | 12x SC duplex with lock | FB2032K |
| | 24x ST,FC | FB2033 |
| | 24x ST,FC with lock | FB2033K |
| | 24x SC,LC,E2000 simplex | FB2034 |
| | 24x SC,LC,E2000 simplex with lock | FB2034K |
| | 24x SC duplex | FB2035 |
| | 24x SC duplex with lock | FB2035K |
| **2U** | 48x ST,FC | FB2043 |
| | 48x ST,FC with lock | FB2043K |
| | 48x SC,LC,E2000 simplex | FB2044 |
| | 48x SC,LC,E2000 simplex with lock | FB2044K |
| | 48x SC duplex | FB2045 |
| | 48x SC duplex with lock | FB2045K |
| | 72x SC,LC,E2000 simplex | FB2046 |

Fibrain Sp. z o.o., ul. Wspólna 4a, 35-205 Rzeszów, Poland   tel:+48 17 866 08 12;   email:info@fibrain.com;   web: www.fibrain.com

**FIBRAIN** ®

| Type: | Premium telescopic patch panel | |
|---|---|---|
| Ref: | PST-Ax | REV: 2.0 |
| Date: | 29.04.2014 | WM |
| Modifiction: | 21.07.2022 | DP |

## Distribution solutions

| | 72x ST,FC | FB2047 |
|---|---|---|

## ORDERING INFORMATIONS:

### PST-Ax patch panel not equipped

PST-A1-01     Fibrain 1U telescopic fiber optic patch panel, without front plate and accessories, grey (RAL7035);
PST-A1-01B    Fibrain 1U telescopic fiber optic patch panel, without front plate and accessories, black (RAL9005);
PST-A1-02     Fibrain 2U telescopic fiber optic patch panel, without front plate and accessories, grey (RAL7035);
PST-A1-02B    Fibrain 2U telescopic fiber optic patch panel, without front plate and accessories, black (RAL9005);
PST-A2-01     Fibrain 1U telescopic fiber optic patch panel, 45° cable entries, without front plate and accessories, grey (RAL7035);
PST-A2-01B    Fibrain 1U telescopic fiber optic patch panel, 45° cable entries, without front plate and accessories, black (RAL9005);
PST-A2-02     Fibrain 2U telescopic fiber optic patch panel, 45° cable entries, without front plate and accessories, grey (RAL7035);
PST-A2-02B    Fibrain 2U telescopic fiber optic patch panel, 45° cable entries, without front plate and accessories, black (RAL9005);

### PST-Ax patch panel equipped

As standard, the patch panels are equipped with fiber optic pigtails with BFR 900um Easy Strip cable, length of 2m.

| PST-AW-AABBC-DDEFG-HHHIJJKLL-MN-OOOP-RS | Ordering syntax; |
|---|---|
| **W – Cable entry and splice cassette mounting type** | **1 –** perpendicular cable entries, SCM-A cassette mounting type<br>**2 –** cable entries at an angle of 45° + perpendicular, SCM-A cassette mounting type<br>**3 –** perpendicular cable entries, central bolt cassette mounting type<br>**4 –** cable entries at an angle of 45° + perpendicular, central bolt cassette mounting type |
| **AA – Height and colour** | **01** – 1U (grey RAL7035)<br>**02** – 2U (grey RAL7035)<br>**B1** – 1U (black RAL9005)<br>**B2** – 2U (black RAL9005) |
| **BB – Front plate type** | **01 - FB2030**   (12x ST,FC)<br>**02 - FB2031**   (12x SC SX,LC DX, E2000 SX)<br>**03 - FB2031B** (12x SC SX,LC DX, E2000 SX, black)<br>**04 - FB2032**   (12x SC DX, LC 4X)<br>**05 - FB2032B** (12x SC DX, LC 4X, black)<br>**06 - FB2033**   (24x ST,FC)<br>**07 - FB2034**   (24x SC SX,LC DX, E2000 SX)<br>**08 - FB2034B** (24x SC SX,LC DX, E2000 SX, black)<br>**09 - FB2035**   (24x SC DX, LC 4X)<br>**10 - FB2035B** (24x SC DX, LC 4X, black)      } 1U front plates<br>**11 - FB2043**   (48x ST,FC)<br>**12 - FB2044**   (48x SC SX,LC DX, E2000 SX)<br>**13 - FB2045**   (48x SC DX, LC 4X)<br>**14 - FB2046**   (72x SC SX,LC DX, E2000 SX)<br>**15 - FB2046B** (72x SC SX,LC DX, E2000 SX, black)<br>**16 - FB2047**   (72x ST,FC)<br>**17 - FB2045B** (48x SC DX, LC 4X, black)<br>**18 - FB2044B** (48x SC SX,LC DX, E2000 SX, black)<br>**19 - FB2047B** (72x ST,FC, black)<br>**20 - FB2043B** (48x ST,FC, black)      } 2U front plates |
| **C – Lock** | **K –** plate with lock<br>**0 –** plate without lock |
| **DD –Adapters quantity** | **0-72** |
| **E – Adapters class** | **0 –** none<br>**1 –** Standard One-Piece (or Standard for E2000, FC, ST)<br>**2 –** Premium Super One-Piece<br>**3 –** Premium One-Piece with internal shutter<br>**4 –** Premium (applies for FC, ST) |
| **F – Adapters type** | **0 –** none<br>**1 –** SC<br>**2 –** SCA<br>**3 –** E2000<br>**4 –** E2000 APC<br>**5 –** LC<br>**6 –** LCA<br>**7 –** FC<br>**8 –** FCA<br>**9 –** ST |

# FIBRAIN®

## Distribution solutions

| **G – Transmission** | **1 –** SM |
|---|---|
| | **2 –** MM (beige @SC/LC, back @E2000) |
| | **3 –** MM OM3 (aqua @SC/LC) |
| | **4 –** MM OM4 (violet @SC/LC) |

| **HHH – Pigtails quantity** | **0 – 144** |
|---|---|

| **I – Fiber type** | **D –** G.657A1 |
|---|---|
| | **E –** G.657A2 |
| | **H –** MM OM1 |
| | **I –** MM OM2 |
| | **K –** MM OM3 |
| | **L –** MM OM4 |

| **JJ – Connector type** | **01 –** SC |
|---|---|
| | **02 -** SCA |
| | **03 –** LC |
| | **04 -** LCA |
| | **05 –** FC |
| | **06 –** FCA |
| | **07 –** E2 |
| | **08 –** E2A |
| | **09 –** ST |

| **K – Pigtail type** | **G –** Gold |
|---|---|
| | **T –** Titanium |

| **LL – Colour identification** | **01 –** for pigtails with yellow 0.9mm buffer |
|---|---|
| | **02 –** for pigtails with orange 0.9mm buffer |
| | **03 –** T TELECOM (acc. to IEC60304) |
| | **04 –** T1 TELECOM (acc. to 60304/tab. 3 & ZN-11/TPSA-005-02) |
| | **05 –** T2 TELECOM (acc. to z EIA 598A) |
| | **06 –** D DATACOM (acc. to DIN VDE 0888 & IEC 60304) |
| | **07 –** D1 DATACOM (acc. to IEC 60304, TIA/EIA 598-A, TIA/EIA 598-C) |
| | **08 –** for pigtails with aqua 0.9mm buffer |
| | **09 –** for pigtails with green 0.9mm buffer |
| | **10 –** for pigtails with violet 0.9mm buffer |
| | **11 –** for pigtails with blue 0.9mm buffer |

| **M – Splice cassette quantity** | **1 – 6** |
|---|---|

| **N – Splice cassette type** | **1 –** SCM-A-12H |
|---|---|
| | **2 –** SCM-A-24H |

| **OOO – Protection sleeves quantity** | **0 – 144** |
|---|---|

| **P – Protection sleeves type** | **1 –** 45 mm |
|---|---|

| **R – Cable gland quantity** | **0 – 8** |
|---|---|

| **S – Cable gland type** | **1 –** PG13.5 |
|---|---|
| | **2 –** PG16 |