

Insight into

FIBRAIN 

Products portfolio



→ www.fibrain.com

4 manufacturing centres

+80 countries

+700 employees

+100 000 000 connected people

FIBRAIN 



**Solid.
Thoroughly tested.
Made in Poland.**



FIBRAIN 

**Celebrating 30th anniversary.
It all starts with a vision.**

Proven scope of expertise on all fronts

FIBRAIN meets the **highest quality standards**, which prove **our certificates**.

ISO 9001:2015

Quality Management
Certificate

ISO 14001:2004

Certificate

NATO Commercial and Government Entity Code



AC 129
QMS



FIBRAIN people – the asset like no other

A key element that has contributed to FIBRAIN success are our employees. FIBRAIN aims at creating the best working environment in which each employee feels valued. Our culture is based on mutual trust and true professionalism, respect and support within the team.



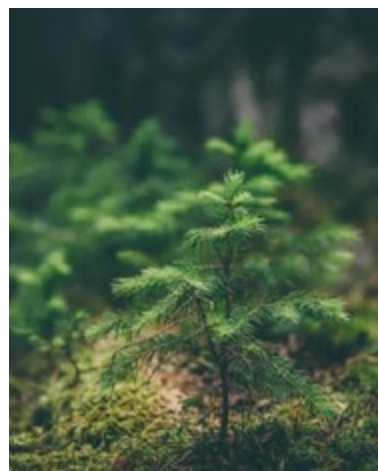
„FIBRAIN gives me a lot of opportunities to develop my skills and widen my experience. Professional trainings equip me with essential knowledge which I can use while performing my duties”.

„I have been working in FIBRAIN for many years. This is my workplace where I feel valued and important”.

Taking responsibility for the environment

FIBRAIN protects ecosystems and natural resources, by taking wide range of actions and intensive efforts, such as:

- minimizing pollution
- minimizing the production waste
- using materials and components that are not harmful to the environment
- recycling
- obeying implemented environmental management system ISO 14001: 2015



Fiber Optic Cables

FIBRAIN has one of the most modern and technologically advanced Optical Fiber and Fiber Optic Cable Manufacturing Centers in Europe.

+100 000 km cables per year

All cables in accordance with CPR Construction Product Regulation

DATAKOM



SIMPLEX SMX CABLE 1.8 mm, 2.8 mm
Flexible / Easy to terminate / Semi-tight / Easy-strip / Bendsafe



DUPLEX ZIP CABLES 1.8 mm, 2.8 mm
LSOH 🔥 / Bendsafe / Easy to terminate / Easy-strip / Semi-tight



EXO-D0 CABLES 2F-24F in 5.5 mm
Dca s2, d0, a1 class in accordance with CPR
Datacenter / Compact design / LSOH 🔥 / Basic Rodent Protection 🐭



DC-DRIM up to 12F, double sheath
LSOH 🔥 / Bendsafe / Easy to terminate / Datacenter



LBR up to 24F
LSOH 🔥 / Bendsafe / Easy to terminate / Datacenter / Easy-strip / Semi-tight

Possibility of Fast DROP packing system



MICRODUCT



MK-AX 1-12F
Microduct / FTTH / Last mile outdoor connection / Blowing installation / Low friction / High thermal stability / Compact design / Bendsafe



MK-DXS16 2F 1.6 mm
MK-DXS25 2-24F in 2.5 mm
Microduct / FTTH / Last mile outdoor connection / Blowing installation / Flexible / Compact design / Bendsafe



MK-FM6 up to 72F in 6 mm, ESM®
MK-FM7 up to 96F in 6.3 mm, ESM®
MK-FM8 up to 144F in 7.9 mm, ESM®
Microduct / Optimal diameter / Low friction / Telecom / Blowing installation / Easy Section Module®

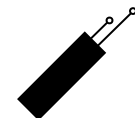


MK-LXS6 up to 72F in 5.3 mm
MK-LXS7 up to 96F in 6.2 mm
MK-LXS8 up to 144F in 7.8 mm
Microduct / Optimal diameter / Low friction / Telecom / Blowing installation



MK-UX5 up to 144F in 5.9 mm
MK-UX6 up to 192F in 6.6 mm
MK-UX8 up to 288F in 7.9 mm
Microduct / Optimal diameter / Low friction / Telecom / Blowing installation / 200 µm fibers

Fiber Optic Cables



TELECOM DUCT



BDC-CI up to 432F, loose tubes

Telecom / Basic Rodent Protection 🐭 / Duct



MDC-FM up to 288F, ESM®

Telecom / Basic Rodent Protection 🐭 / Duct / Easy Section Module®



BDC-DX up to 864F in 20 mm

Telecom / Basic Rodent Protection 🐭 / Duct

TELECOM AERIAL



AERO-DR03 1F, 3 mm, up to 55 m spans

FTTH / Last mile outdoor connection / Aerial / Telecom

Fast DROP



AERO-DF03 2F-24F, up to 140 m spans

FTTH / Last mile outdoor connection / ADSS / Telecom



AERO-AS 2kN-12kN, 80 m-700 m spans

Telecom / Aerial / FTTH



MAR-FM 12F-288F, spans up to 80m, ESM®

Telecom / ADSS / FTTH / Easy Section Module®

FTTH



VC-D20, 30, 40, up to 4F, ESM®

Last mile indoor connection / LS0H 🔥 / Bendsafe / Flexible / Easy to terminate / FTTH / Easy Section Module®

Fast DROP



DC-PRIM 12F in 3 mm

Last mile indoor connection / LS0H 🔥 / Bendsafe / Easy to terminate / Datacenter / FTTH



EAC-RAM up to 144F, ESM®

Last mile indoor connection / LS0H 🔥 / Bendsafe / Flexible / Easy to terminate / FTTH



BURRY-DAC-G 2F-24F

Direct buried / FTTH / Last mile outdoor connection / Hi-crush / Compact design

ARMORED



SSC-T30U 2F-24F in 7.6 mm

Telecom / High Rodent Protection 🐭🐭 / Duct / Direct buried



DSC-CI 12F-144F, double sheath

Telecom / High Rodent Protection 🐭🐭 / Duct / Direct buried

HYBRID POWER+FO



BDC-DIP 2.5 mm² H07V-U

Telecom / Duct / Basic Rodent Protection 🐭 / Hybrid FO+Power

OVER **3 000 000**
CONNECTORS TERMINATED
ANNUALLY

THE BIGGEST CONNECTIVITY
MANUFACTURING CENTER
IN EUROPE



Pigtails & Patch cords

different type of connectors and fibers



Gold Grade



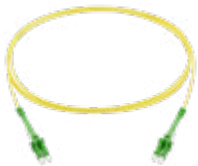
Titanium Grade



Cross-connect drop
cable patch cords
and pigtails



Invisible I-Drop patch
cords



Uniboot



Push&Pull
Duplex HD



Uniboot Push&Pull
HD



Armored patch
cords

Adapters



SC adapters

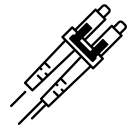


LC adapters



E2000 adapters

Connectivity



Launch fiber box & optical circuit simulator



OSC

LB3

Opti-CS

- 1 Connector type color code
- 2 Magnet mounting
- 3 Fiber color code
- 4 Shoulder strap
- 5 Compact housing

Pre-connectorized cables & MTP/MPO Solution

Various cable types and connector combinations



TCF

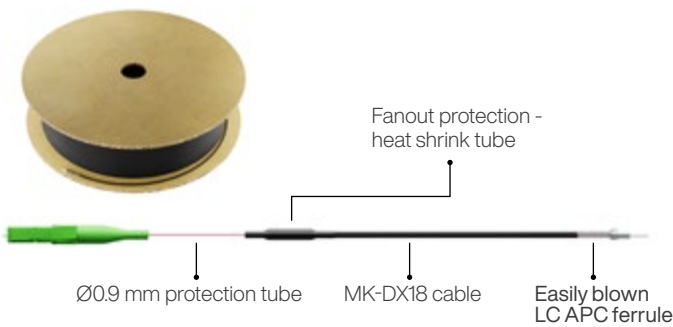
PTF

Armored

TEF

Easily blown pre-connectorized cable

Available connector: LC APC



LC APC Connector Kit for pre-connectorized MK-DX cable



Pre-connectorized cable on the drum



VC-Dxx Drop Cable

Invisible I-Drop cable

Pre-connectorized cable with pulling eye

Rapid box set VC-Dxx cable terminated with VFTO box

Field connectors





EASILY PATENT PENDING PULLABLE PRE-CONNECTORIZED CABLE

Smart solution providing fast installation



Key features



Fast installation

cable kit ready for installation by pulling through the microducts or corrugated tubes



Terminated with special ending for direct pulling

the plug protect the connector's body during pulling operation and allows to install cord



Large pulling ranges

up to 100m



High performance

high quality ferrule ensures best optical parameters



Cost saving solution

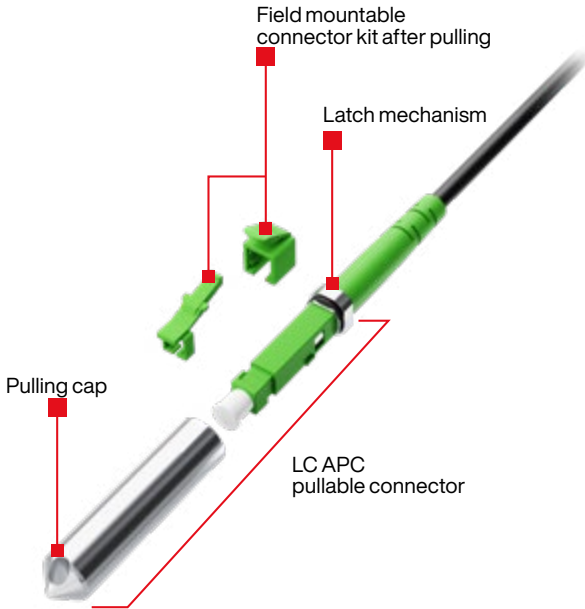
no need to install additional pulling eye. Removing the plug and equipping connector body with lever for LCA connector and housing for SCA connectors takes few second

FIBRAIN EPP

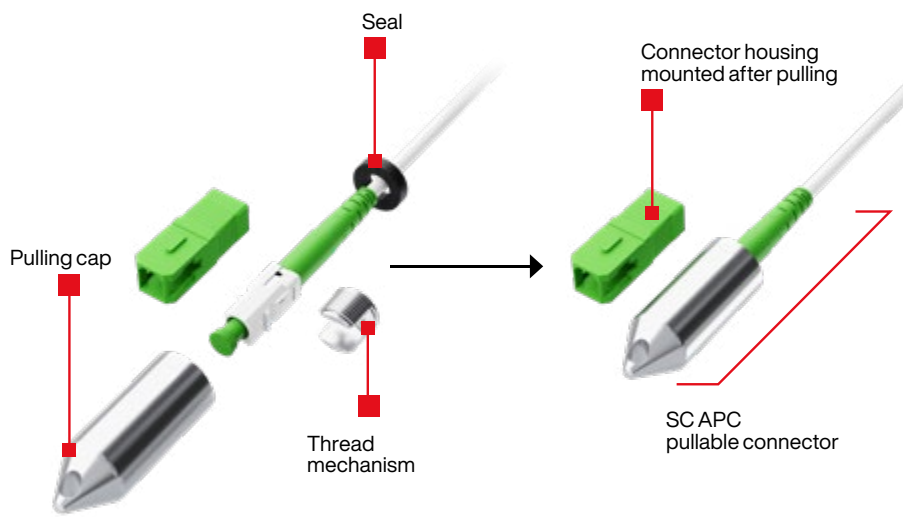


Construction

LC APC Connector



SC APC Connector



EPP cables



VC-D30

FTTH Single Jacket LS0H ♦ Minibreakout – 1F 900µm – Drop Cable with Aramid Strength Members



AERO-DR03

Last mile aerial cable with PUR sheath

Fast installation in 4 easy steps



1 Unpack



2 Pull through the microduct/corrugated tube



3 Assemble the connector

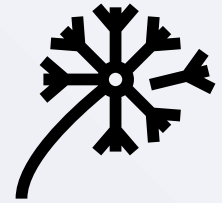


4 Inspect & connect

Tube compability

CONNECTOR	INSTALLATION	PULLING RANGE
LC APC	Micropipe 12/8	100m
SC APC	Corrugated tube 20/16	100m

EASILY BLOWN PRE-CONNECTORIZED MK-AX CABLE



EBP

FIBRAIN's EBP last mile preterminated drop cable solution **is designed to be blown through microducts in FTTH networks.**

The solution is based on a ready-made pre-connectorized cable kit.

Unpack, blow into the microduct, assemble the connector housing, connect and inspect.

Key features



Fast installation

ready for installation by air-blowing cable kit



Terminated with special LC APC ferrule

protected with dust cup during installation



Large blowing ranges

even over 1000m



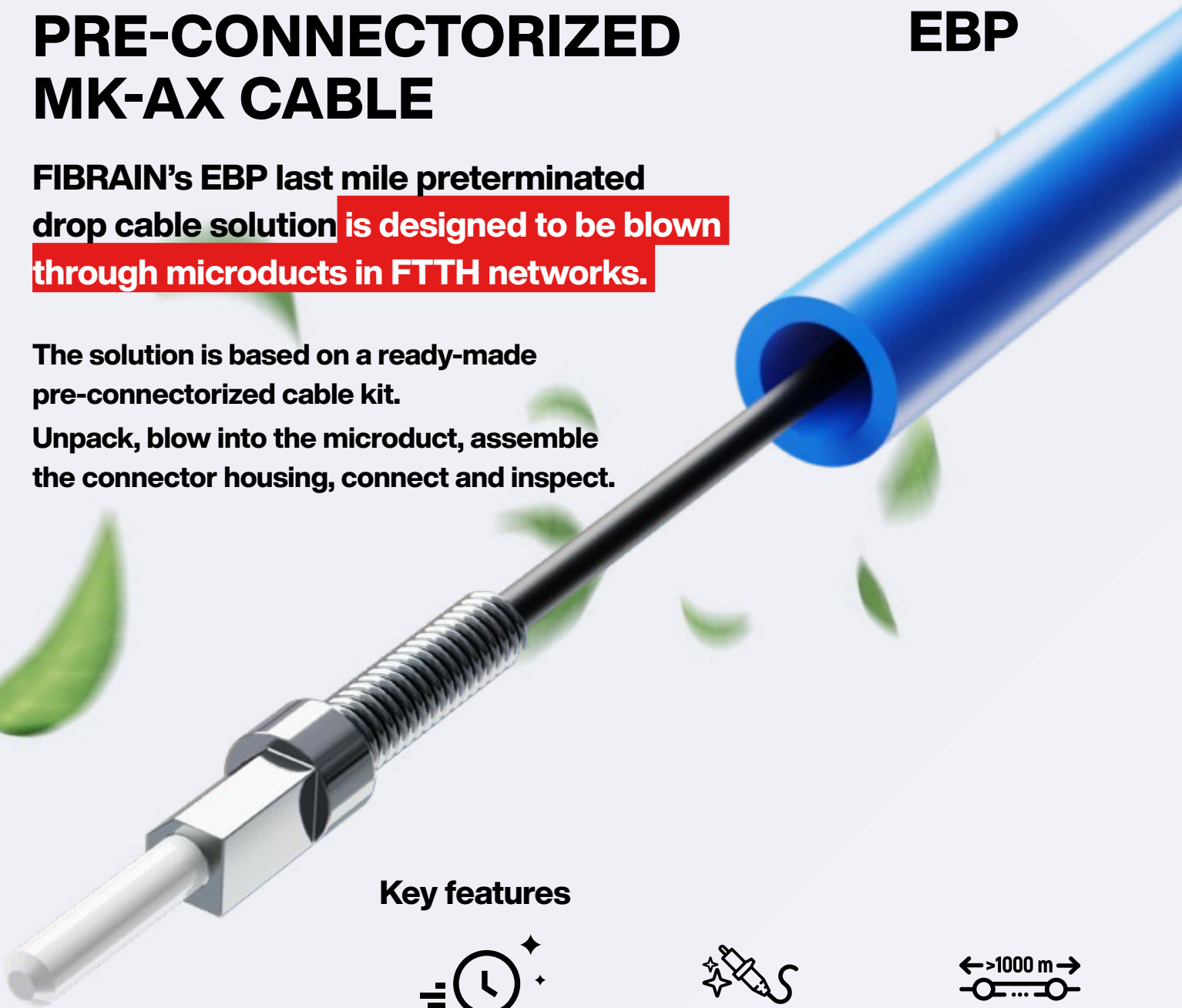
Cost saving solution

eliminates the need for splicing connections – no need to use costly splicing machines and operators at the premises



High performance

high quality ferrule achieves and maintains B grade – ensures best optical parameters



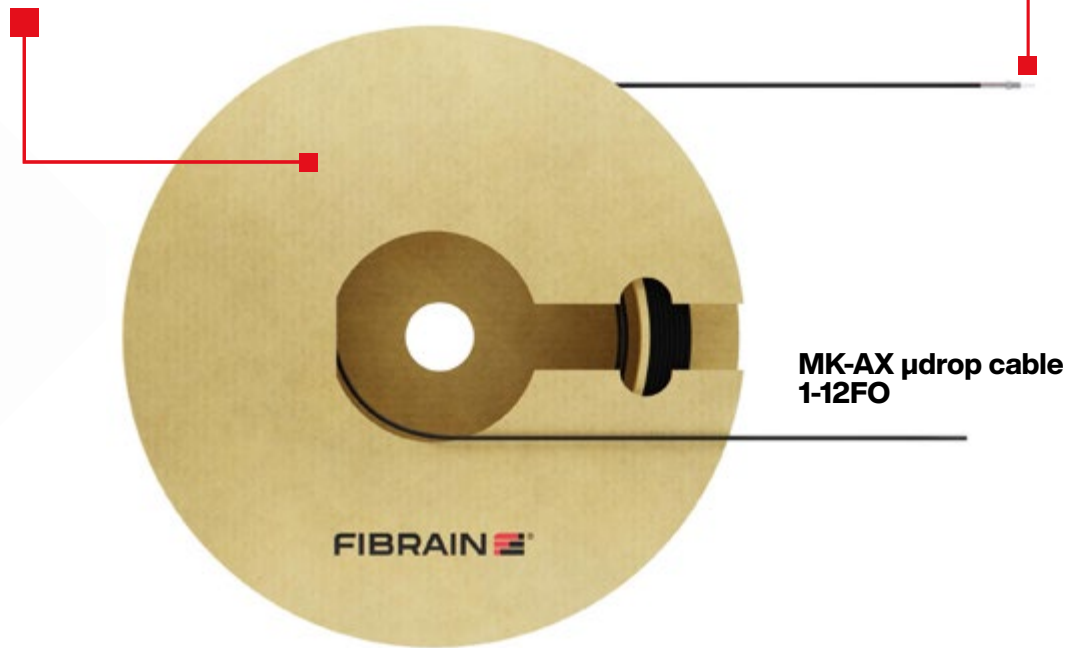
FIBRAIN EBP



Construction

Customized cable length –
from 25 m up to 1000 m

LC APC
Easily Blown Ferrule



LC APC Connector Kit for pre-connectorized MK-AX cable



FIBRAIN MK-AX Cable Key features and benefits



Unique design ensuring
best blowing performance



Special jacket materials
providing low friction



High thermal stability



Low weight

Distribution

MOUNTING NUMEROUS COMPONENTS ON-SITE



19" Patch panels



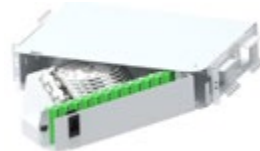
PSS-A0

Standard ODF 1U,
up to 24xSC/48xLC ports



PST-A1

Premium telescopic ODF,
up to 48xSC/96xLC ports in 1U,
up to 96xSC/192xLC ports in 2U



PSR-B0

Pivot swivel ODF, 48xSC ports in 1U,
96xSC ports in 2U, 144xSC ports
in 3U



PS-19

3U Modular patch panel up to
144xSC/288xLC ports, modular
configurations

19" Patch panels



PUO

1.5 U Premium aluminium patch
panel, up to 96 splices, available
with multipatchcords



PSR-HD-U

1U pivot swivel ODF 215 mm
depth, up to 72xSC adapters
in HD holders



PS-19-PAT/TUB

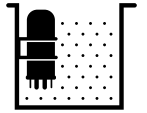
Tube/patchcords reserve shelf,
full extension



ORG-HS/HP/VP

19" mounting cable organizers ver-
tical/horizontal type

Distribution



Boxes and cabinets



OBP-S8 / S8W

Distribution box up to 18xSC, max. 72 splices, IP54



VFTO-E1/F1

Customer outlet, up to 4x SC/LCdx ports



BU-XN

Riser box, up to 5xSC, max. 12 splices



FDM

DIN rail module up to 24xSC/LC adapters, 24 splices



NSR-S/M/L

Up to 12xSC ports in NSR-S, 24xSC ports in NSR-M, 72xSC ports in NSR-L



IFDT-B0

Up to 48xSC ports, max. 48 splices optional cable reserve frame



IFDT-F0

Up to 48xSC ports, max. 96 splices



IFDT-G0

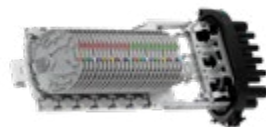
Double section cabinet up to 48xSC adapter, 96 splices in SCM-C splice cassette

Closures IP68



FOBP-144

Up to 144 splices thermic and mechanical cable ports



FOBP-288

Up to 288 splices, thermic and mechanical cable ports



FB8000

Max. capacity 240 splices



FB-XRA

Max. capacity 144 splices

Outdoor cabinets



FDH-E

Up to 39 SC adapters, 120 splices



FDH-G

Up to 144 SC adapters, 144 splices

Cable reserve holders



SZ-D

Pole holder with cable reserve frame for OBP-S8 and FOBP closures



SZ-A

Cable reserve frame, from 400 mm up to 600 mm

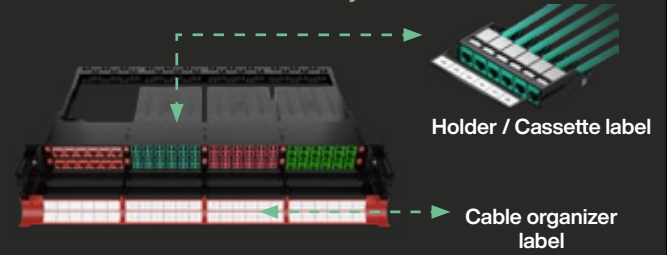
FibrainDATA® HD System

→ hd.fibrain.com

1 Patch panels

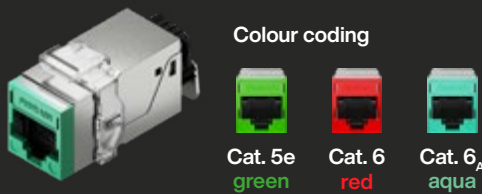
Scalability / Freedom of arrangement / Modularity

Wide range of applications / Saving precious space in the 19" rack / Quick and easy installation



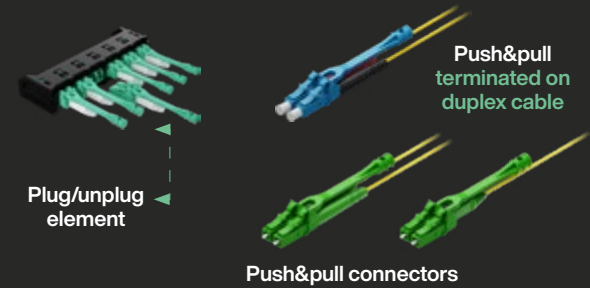
2 HD RJ45 modules

Wide range of applications / Saving precious space in the 19" rack / Quick and easy installation



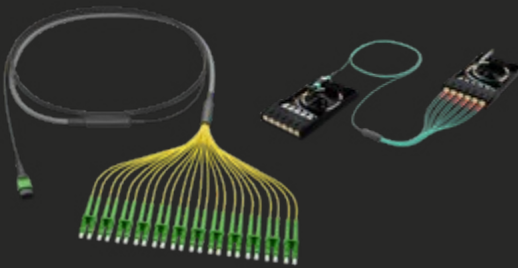
3 HD patchcords

6/12 FO variants / SM/MM fibers / PC/APC polishing / Uniboot option



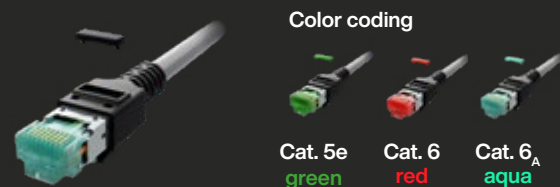
4 Harness cables

Wide range of applications / Saving precious space in the 19" rack / Quick and easy installation



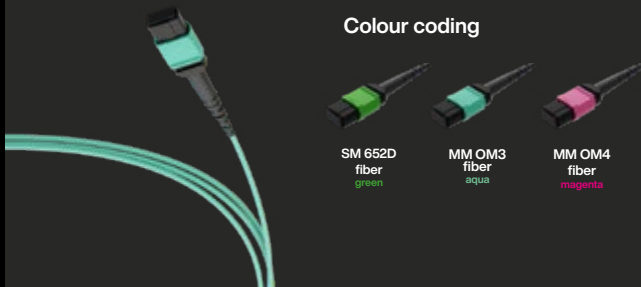
5 Copper patchcords

Compact dimensions / Full range of performance / Color identification



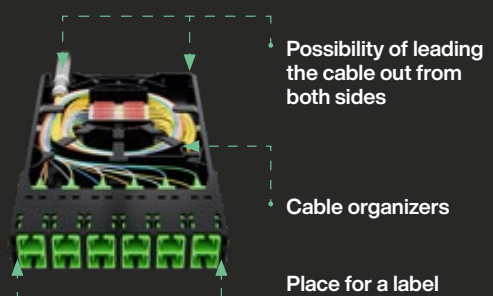
6 MPO trunk cables

A/B/C polarization / PC/APC polishing / Gender F/F / F/M, M/F / MTP® standard



7 HD FO cassettes

6/12 FO ports / SC/LC interface support / Closed construction dust protection



FIBRAIN DATA

HD Patch panels

Scalability / Freedom of arrangement / Modularity



XBU00

0.5U modular, max. 24p (CU)/96p (FO LC Duplex)



XEU00

1U 48p with tube reserve shelf



XFU00

3U modular max. 120p (CU)/480p (FO LC Duplex)



XPU00

1U modular max. 48p (CU)/192p (FO LC Duplex)



XDU00

1U splice panel max. 96 splices



XCU00

0.5U splice panel max. 48splices

HD FO Cassettes



Fiber optic MPO cassette

Equipped with 12 SC adapters



Fiber optic splice cassette

Equipped with 12 SC adapters



Fiber optic breakout cassette

Equipped with 12 SC adapters

Installation cables

Full range of performance: 5e/6/6_A/7/7_A



FibrainDATA Cat. 5e U/UTP



FibrainDATA Cat. 6 U/UTP



FibrainDATA Cat. 6 U/FTP



FibrainDATA Cat. 6_A S/FTP



FibrainDATA Cat. 7 S/FTP



FibrainDATA Cat. 7_A S/FTP

System solutions & tools

AirTrack

Core network



Anchoring clamps



Suspension clamps



Tools & accessories

MetroJet

Fiber optic microduct system



Microducts & pipes



Connectors & sealings



End caps & joint closures



Blowing machines & accessories

Tools & equipment

Fiber optic installation tools



Fiber optic tools



Cable cutters & slitters



Duct tools & others



Polish independent producer of integrated and value-added solutions.



Meet us → www.fibrain.com



FIBRAIN 

From a single fiber to millions of satisfied customers around the world



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