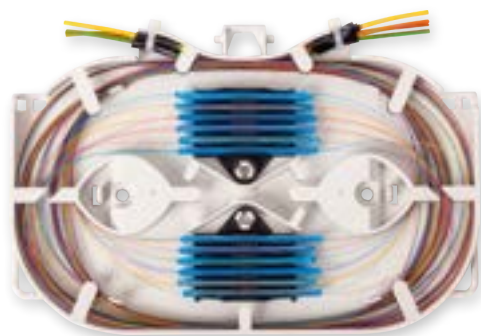


**MICOS****MDB XS****FIBER OPTIC BOXES****NEW****GPON READY****5G READY****FiberRoad****SFMS**

The Fiber Optic Box MDB XS, designed for various fiber organizers inside, can be configured to address a wide range of fiber optic splice and/or connectivity applications for PON, GPON and 5G networks. The MDB XS provides the ideal splicing solution for multi dwelling unit fiber distribution points or outdoor pole mounted splice applications.

- ▶ Capacity of up to 48 splices
- ▶ Capacity of up to 16× SC / 32× LC connector (for boxes with organizer B)
- ▶ Multiple cable or tube entry ports on all sides of the box to increase installation flexibility
- ▶ Top output – PG grommet for using outdoors, Grommets System for using indoors
- ▶ Support for various fiber organizers
- ▶ Fiber Optic Tray KM 6 for up to 24 splices (2 pcs max., organizer A)
- ▶ Holder for 6 pcs of adapters – Simplex, Duplex or LC Quad (for boxes with organizer A)
- ▶ Optional placing of PLC Splitters in the management (outside a tray)
- ▶ Removable internal fiber management chassis to enable maximum access
- ▶ Support for ribbon fibers
- ▶ Support for midspan (loop-through) cable deployments (via an express port)
- ▶ Grommets system for cables with diameters 1.8–13 mm
- ▶ Increased durability, impact protection and water / dust ingress resistance (IP65, IK10)
- ▶ Integrated pole bracket
- ▶ Suitable for all types of networks

**MDB XS****KM 6**

- For splicing
- Up to 24 splices
- More information on the [web](#)

**SFMS SYSTEM**

- For splicing
- Up to 12 splices
- Only for fibers $\varnothing$ 0.25 mm

**GROMMETS SYSTEM**

- For cables with diameters 1.8–13 mm
- 1× top position (only for using indoors)
- 2× bottom position

Section 0
Box

Section 1
Grommets Selection

Section 2
Organizer Selection

Section 3
Tray Type Selection

MDB XS

XX X

X

XX

X

XXXX

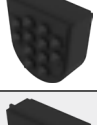
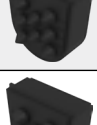
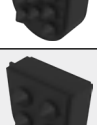
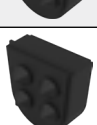
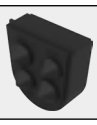
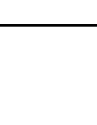
bottom

top

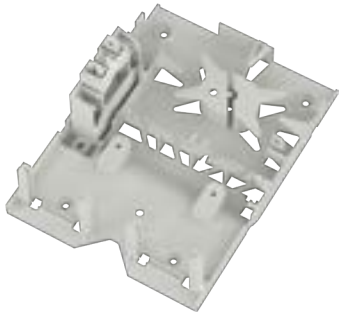
A-K – Only for using indoors
P – For using outdoors



Select 3 options as below:

A		24× 1.8–2.2 mm (already cut) 85C3.60/000X
B		24× 2.2–3.0 mm (already cut) 85C3.61/000X
C		12× 3.6–4.6 mm (can be cut) 85C3.71/000X
D		12× 4.6–5.6 mm (can be cut) 85C3.62/000X
E		8× 5.6–6.6 mm (can be cut) 85C3.69/000X
F		8× 6.6–7.6 mm (can be cut) 85C3.63/000X
G		4× 7.6–8.6 mm (can be cut) 85C3.68/000X
H		4× 8.6–9.6 mm (can be cut) 85C3.64/000X
J		2× 9.6–10.6 mm 2× 11.6–13.0 mm (can be cut) 85C3.65/000X
K		2× 9.6–10.6 mm 2× 10.6–11.6 mm (can be cut) 85C3.66/000X
P		PG 16 Grommet – only top inputs for using outdoors On request
N	NONE	The position remains empty

Select 1 option as below:

A		Patching and splicing Use with adapters Ability to combine KM 6 with the adapter holder Capacity of up to 48 splices (without the adapter holder) Capacity of up to 12× SC / 24× LC connector 85U8.17/000X
B		Patching, covered splicing section Use with adapters Capacity of up to 24 splices (covered splicing section) Capacity of up to 16× SC / 32× LC connector Only SC duplex or LC quad 85U8.16/000X
C		Only splicing, SFMS Trays Only splicing SFMS Trays For SC Short, SE Short Capacity of up to 24 splices 85U8.18/000X

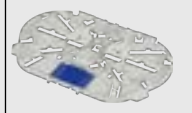
Select 2 options as below (only for management „A“):

D		KM 6 for heatshrink 85C3.83/000X
E		KM 6 for ribbon 85C3.84/000X
F		KM 6 for crimp 85C3.85/000X
P		Adapter Panel MDB XS Capacity of up to 12× SC / 24× LC connector (SC duplex / LC quad) 85U8.14/000X
N	NONE	The position remains empty

Select 1 option as below (only for management „B“):

D		KM 6 for heatshrink 85C3.83/000X
E		KM 6 for ribbon 85C3.84/000X
F		KM 6 for crimp 85C3.85/000X
N	NONE	The position remains empty

Select up to 4 options as below (only for management „C“):

A		SC Short, 6F, for heatshrink 80811933
B		SC Short, 12F, for crimp 50161402
C2		SE Short, 12F, for heatshrink 80811935
D2		SE Short, 4× ribbon or 4× splitter, for ribbon 80812916
N	NONE	The position remains empty

TRAYS COMPATIBLE WITH THE FIBEROAD™ SYSTEM

SFMS TRAYS

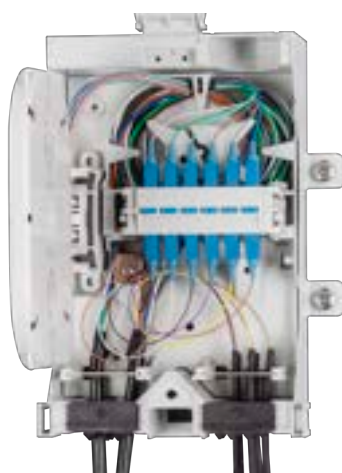
Examples of creating a name:

MDB XS-EA N-A-DP

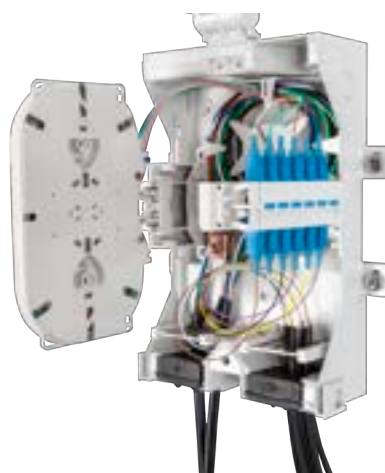
MDB XS-FA A-B-D

MDB XS-EA N-C-AAAA

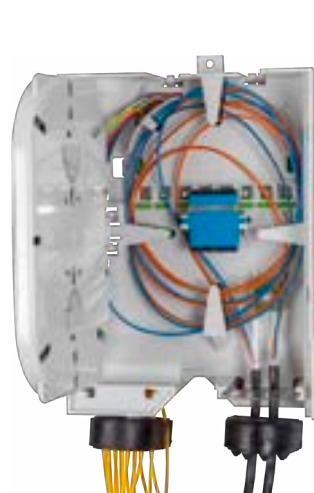
Section 0 Section 1 Section 2 Section 3



MDB XS-EC N-A-DP
PATCHING: 6× SC CONNECTOR



MDB XS-EC N-C-AAAA
SPLICING: 24 SPLICES + SPLITTER



MDB XS-EA N-B-D
PATCHING: 16× SC CONNECTOR



**Microduct
Termination
in the Box**

**Slack Cable
Storage
for MDB XS**



**Integrated
pole bracket**



TECHNICAL SPECIFICATIONS

Inputs / Outputs (quantity × range)	For using outdoors: 2× 1.8–13 mm 1× 10–14 mm or optional insert For using indoors: 3× 1.8–13 mm (follow the Configurator – Section 1 – Grommets Selection)
Grommets (type and number of used grommets)	For using outdoors: Grommets System – 2 pcs PG 16 – 1 pc For using indoors: Grommets System – 3 pcs
Ingress Protection	IP65
Impact Protection	IK10
Flammability Degree	V0
Material	PC / ASA
Color	Light gray RAL 7035
Dimensions (H × W × D)	252 × 150 × 85 mm
Weight	1 kg

ORDERING CODES

On request	Custom Configuration
Follow the Configurator (Section 1)	Grommets Kit Separately
Follow the Configurator (Section 2)	Box with Organizer Separately
Follow the Configurator (Section 3)	Tray Kit Separately
85U8.15/000XF	Slack Cable Storage for MDB XS

More information:

<https://www.micostelcom.com/en/fiber-optic-boxes/fiber-optic-box-mdb-xs>

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