

MICOS AND COYOTE® FIBER OPTIC SOLUTIONS

Fiber Optic Boxes | Fiber Distribution Hubs | Fiber Optic Closures
Fiber Optic Patch Panels | Fiber High Density Cabinets
Data Cabinets | Accessories



INTRODUCTION

We focus on the design, manufacture and supply of passive components for those seeking smart and innovative solutions with high added value for their fiber networks. We offer a complete range for all types of FTTx networks.

Specializing in the professional outfitting of our products, we provide complete installations with optical connectors, optical pigtails and fiber management.

The products are exported to over 70 countries worldwide and used extensively in the many FTTx scenarios – externally / internally and for business or residential scenarios.

We utilise our considerable cross-discipline technical expertise and resources to offer special and completely new technical solutions according to our customers' requirements – from product development and prototyping to testing and putting into operation.

Our portfolio includes two product brands – COYOTE® and MICOS.

The COYOTE® closures offer robust and flexible solutions for managing fiber optic cables in telecommunication networks. Designed for both underground and aerial installations, they provide long-lasting protection in demanding environments. With an IP68 rating, they effectively resist dust and water ingress. Featuring a modular design and unique grommet system, the COYOTE® closures enable quick installation and easy maintenance, supporting a wide range of cable types and splicing configurations.

MICOS embodies a commitment to efficiency, simplicity and innovation in designing passive components for fiber networks. Its product range includes fiber access terminal boxes, optic boxes, distribution hubs, patch panels, high density cabinets and data cabinets, catering to the diverse needs of both internal and external FTTx scenarios. The FibeRoad™ System streamlines optical network deployment and maintenance, while the unique grommet system enhances flexibility in cable management.



PLP Czech Republic (MICOS)

Our vision: The Connection You Can Count On. ®

BRIEF HISTORY

MICOS TELCOM s.r.o. was established in 1990 as part of the MICOS group and has operated independently since 2018. In 2019, it became part of the international company Preformed Line Products (PLP) and adopted the brand name PLP Czech Republic (MICOS).

We specialize in injection molding and metal processing, specifically design, manufacture and supply of passive components for fiber networks in telecommunications. Our expertise also covers sectors like military contracts, energy and other industries that prioritize quality and reliability.



PLP

The US-based Preformed Line Products (PLP) protects the world's most critical connections by creating stronger and more reliable networks. The company's precision-engineered solutions are trusted by energy and communications providers worldwide to perform better and last longer. With locations in over 20 countries, PLP works as a united global corporation, delivering high-quality products and unparalleled service to customers around the world.

CERTIFICATION AND EU QUALITY

We are an EU-based company with multiple certificates, including ISO 9001, ISO 14001 and ISO 45001, reflecting our commitment to sustainable development and workplace safety. With 18 clean room facilities, we provide comprehensive project solutions that uphold the highest standards of cleanliness and rigorous final inspection. This setup enables us and our customers to save time and costs, reduce errors and continuously enhance quality.

INTERNAL TESTING FACILITY

Research and development form the bedrock of PLP Company's commitment to innovation and growth. Through substantial investments, a culture of creativity and collaboration, and a customer-centric approach, the company's R&D initiatives drive technological advancements, deliver tailored solutions and foster sustainability. With its unwavering focus on R&D, PLP Company is poised to continue leading the industry, shaping the future and delivering value that surpasses customer expectations.

CUSTOMIZED MANUFACTURING

We utilise our considerable cross-discipline technical expertise and resources to offer special and completely new technical solutions according to our customers' requirements – from product development and prototyping to testing and putting into operation.

METAL PROCESSING

The metal workshop exemplifies excellence in metal fabrication, combining cutting-edge technology, skilled craftsmanship and a passion for quality. From the moment raw materials enter the workshop to the final inspection of finished products, precision and attention to detail permeate every step of the process. Through collaboration, adaptability and unwavering dedication, the metal workshop continues to set the benchmark for exceptional metalworking, consistently delivering outstanding results to customers worldwide.

INJECTION MOLDING

The company's molding plastic production facility thrives on customization and flexibility. With a focus on customer-centric solutions, the company can accommodate a wide range of requirements and specifications. From design modifications to color variations and material choices, the facility's versatility enables it to cater to diverse industries and deliver tailored plastic components.



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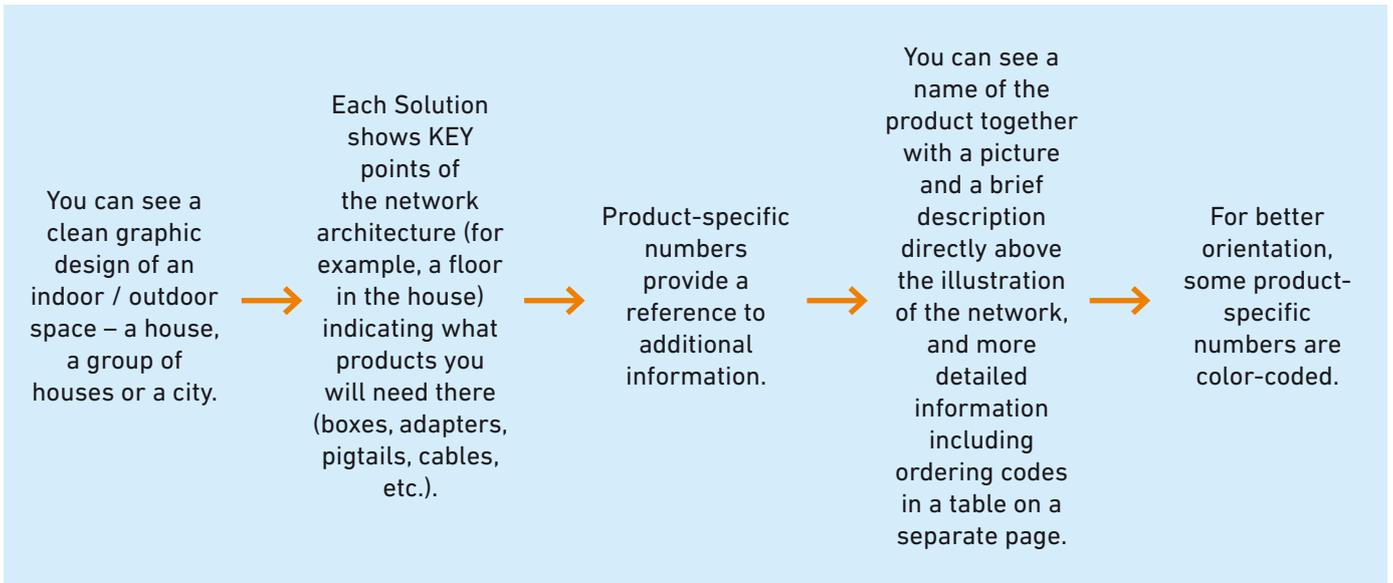
	INDOOR USE	OUTDOOR USE	MAX. CAPACITY OF SPLICES	MAX. CAPACITY OF CONNECTORS SC/LC
	●		4	2/4
●	●		-	2/4
	●		6	2/4
●	●		14	12/24
●	●		48	12/24
●	●		72	24/48
●	●	●	36	-
●	●	●	12	2/4
●	●	●	12	4/4
●	●	●	12	-
●	●	●	24	-
●	●	●	12	4/8
●	●	●	48	16/32
●	●	●	96	24/48
●	●	●	144	48/96
●	●	●	60	12/12
●	●	●	144/192/288	-
●	●	●	72/168/264	24/48, 48/96, 72/144
●	●	●	-	-/12, -/24, -/48
●	●	●	144/576/864	-
●		●	72	4/8
●		●	96	24/48
●		●	96	72/96
●		●	144/288/432	-
●		●	576/864	-
●		●	72/168/264	24/48, 48/96, 72/144
●		●	576/1,152	144/288, 288/576
●		●	144	64/128
●		●	576/1,152	192/384, 384/768
●		●	1,728/2,304	576/1,152; 768/1,536
●		●	144/576/864	-
●		●	12/24	-
●		●	-	-
●		●	-	-
●		●	-	-
●		●	-	-
●		●	12	-
●		●	48	4/8
●		●	24	8/16
●		●	24	4/8
●		●	1,728	-
●	●	●	56	56/-
●	●	●	12	2/4
●	●	●	24	4/8
●	●	●	96	12/12
●	●	●	192	24/48
●	●	●	32	6/12
●	●	●	192	8/16
●	●	●	1,536	-

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Explore Our Indoor and Outdoor FTTx Solutions

None of us wants to spend too much time looking for products. Neither we nor our customers. We have thought about how to make your life easier and prepared the complete Solutions. Using them, you no longer have to search for individual products. Thanks to the Solutions, you can see at glance all the products you will need.

How to Work with the Solutions?



FTTH GPON Fiber Distribution Hub Solution with Splicing

The FTTH GPON Fiber Distribution Hub Solution with Splicing enables the construction of the distribution part of a GPON network using fiber distribution hubs. The entire network is designed for 100% penetration, minimizing the need for additional work when connecting customers who initially did not allow the installation of a fiber drop during construction.

YOU CAN VIEW THE SOLUTION ON THE LINK:

https://www.micostelcom.com/data/FTTH_GPON_Fiber_Distribution_Hub_Solution_with_Splicing.pdf



FibeRoad™ Solution

The FibeRoad™ Solution shows where the FibeRoad™ System can be used and installed. The System supports all types of fiber optic networks and helps create all configurations of fiber distribution and direct termination of connectors.

YOU CAN VIEW THE SOLUTION ON THE LINK:

https://www.micostelcom.com/data/FibeRoad_Solution.pdf



Central Office MDO Cabinet Solution

The Central Office Solution with the MDO Cabinets and the FibeRoad™ System is very variable and can be adapted to meet the majority of fiber optic network requirements. All the cabinet parts, such as the side panels, the door or the subracks, are optional accessories and can be gradually added to meet the current network requirements.

YOU CAN VIEW THE SOLUTION ON THE LINK:

https://www.micostelcom.com/data/Central_Office_MDO_Cabinet_Solution.pdf

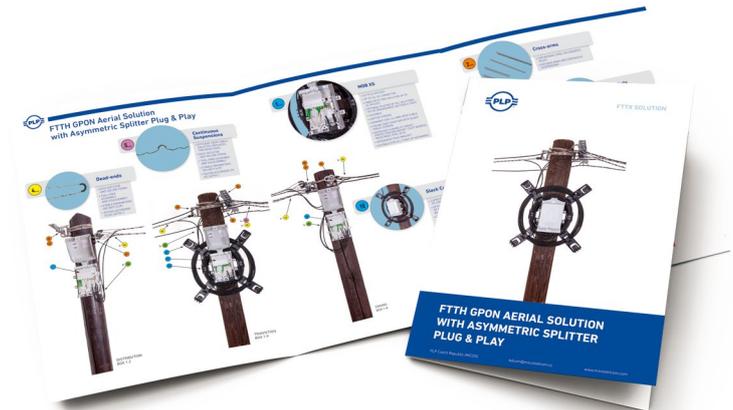


FTTH GPON Aerial Solution with Asymmetric Splitter Plug & Play

The FTTH GPON Aerial Solution with Asymmetric Splitter Plug & Play 1:9 allows very easy and fast construction of GPON aerial networks with no requirements for experienced fiber optic network technicians. There are three types of boxes completely ready to be used in networks. The boxes only need to be installed on poles, or installed with slack cable storages, which are used to store pre-terminated cable reserves.

YOU CAN VIEW THE SOLUTION ON THE LINK:

https://www.micostelcom.com/data/FTTH_GPON_Aerial_Solution_with_Asymmetric_Splitter_Plug_and_Play.pdf



FTTA/5G RRH Connection Solution

The FTTA/5G RRH Connection Solution is based on the Fiber Optic Boxes MDB 5G, which are used as connection points between the RRH (remote radio head) and the BBU (baseband unit).

YOU CAN VIEW THE SOLUTION ON THE LINK:

https://www.micostelcom.com/data/FTTA_5G_RRH_Connection_Solution.pdf



FTTH RISER Solution with Floor Box

The FTTH RISER Solution with Floor Box offers an easy and popular way to build FTTH networks using RISER cables. Customer connections are made quickly, without any splicing – simply by placing a patchcord between the floor box and the customer premises.

YOU CAN VIEW THE SOLUTION ON THE LINK:

https://www.micostelcom.com/data/FTTH_RISER_Solution_with_Floor_Box.pdf



FTTH GPON Spliceless Solution

The FTTH GPON Spliceless Solution shows how to design an in-building distribution network with floor boxes, without the need for fiber splicing, skilled labor or costly tools.

YOU CAN VIEW THE SOLUTION ON THE LINK:

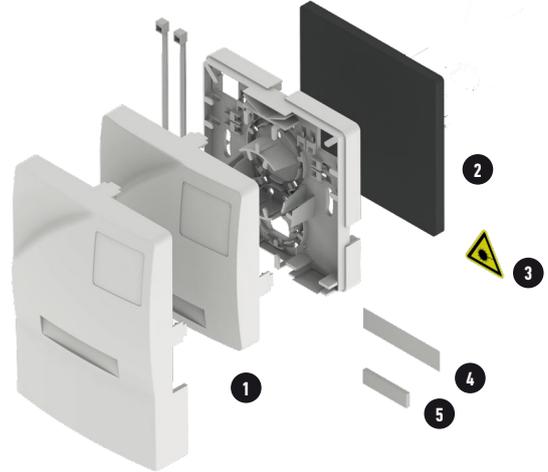
https://www.micostelcom.com/data/FTTH_GPON_Spliceless_Solution.pdf



ORM 1

The Fiber Access Terminal Box ORM 1 is designed for termination of an optical network via 2–4 optical fibers in a customer terminal point. It can be connected to a PC, different peripheral equipment or to another equipment via optical patchcords. It is designed for indoor wall mounting.

- Capacity of 4 optical connectors
- Connector holder SC simplex or LC duplex
- Maximum capacity is 4 optical splices
- Attractive design for indoor usage
- Installing on a surface or flush-mounting box
- Simple optical management
- Direct fiber termination by a connector
- Standard socket dimensions
- Input possibility of fiber with connector
- Use for fibers G.657



Technical Specifications	
Ingress Protection	IP30 / IP54 (under special conditions)
Impact Protection	IK07
Flammability Degree	HB
Material	ABS
Color	white RAL 9003
Dimensions (H x W x D)	81 x 81 x 25 mm / short cover 116 x 81 x 25 mm / extended cover
Weight	0.08 kg



Ordering Codes		Position
85H4.00/0000F	ORM 1 (including a short and extended cover)	1
491797	Sealing for ORM 1 (IP 54)	2
491870	Laser Radiation Attention Sticker	3
491802	White Sticker (for description)	4
491816	Rubber Sealing (for a splice fixation)	5

• For other variants, please, contact our sales department.

Pizza Box

NEW **GPON READY**

The Pizza Box is a pre-terminated fiber access terminal box mounted on a rotating coil that rotates when the cable is pulled out. It can be used especially where the socket is installed towards the main box. It serves mainly in development projects during the construction of the buildings, when fiber optic networks are built at the same time like other utility networks. It is the most suitable solution for insertion into spiral cable wraps and shafts for vertical pipes. On each floor, additional cables are added to the bundle, coils are unwound in the flats one by one and finally the cables from all flats are connected to the feeder cable in the main box.

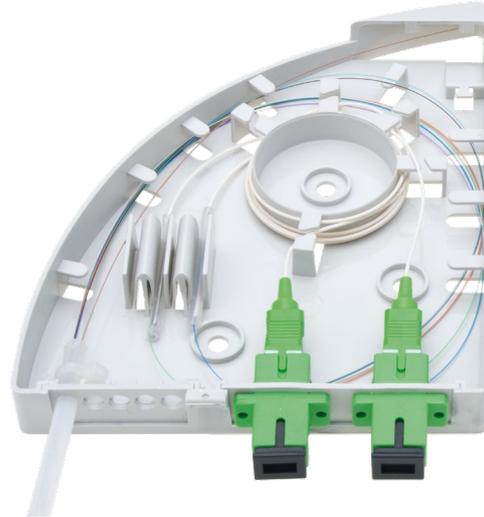
- Capacity of up to 2x SC / 4x LC connector
- Cardboard packaging with rotating coil
- Quick cable unwinding during installation
- Maximum cable length 100 m
- Pre-terminated solution for easy installation
- Optional adapter with automatic cap
- Solution for wall mounting or mounting on an electrician's box with ORM 1
- Solution for mounting on an electrician's box for Tango frames (suitable for development projects)



ORM 2

The Fiber Access Terminal Box ORM 2 is designed for the termination of 2 to 4 optical fibers in a customer terminal point or for interconnection of optical cables. It can be connected to a PC, different peripheral equipment or to another equipment via optical patchcords. The distributor is designed for indoor wall mounting. Inputs and outputs can vary by used panels.

- Capacity 4 optical connectors
- Connector holder SC simplex, SC duplex, ST, FC, E2000, LC
- Maximum capacity is 4 optical splices
- Direct fiber termination by a connector
- Easy assembly
- Wall-mounted
- Coverage degree IP 20
- Use for fibers G.652d, G.657



Technical Specifications	
Ingress Protection	IP20
Impact Protection	IK04
Material	ABS
Color	light gray RAL 7035
Dimensions (H x W x D)	140 x 109 x 23 mm
Weight	0.1 kg

Ordering Codes	
8523.20/0000F	ORM 2

- For other variants, please, contact our sales department.

MTeH MINI

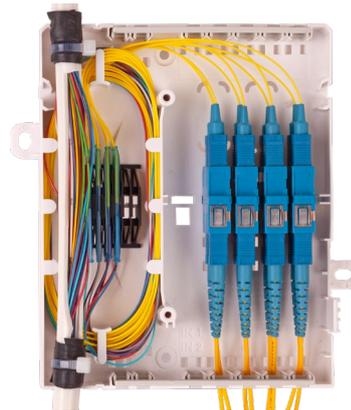
GPON READY

The Fiber Optic Box MTeH MINI finds its application as a floor or a main fiber distribution box in apartment buildings / MDUs or single-family houses. It supports all cable applications (riser cables, buffered tubes, microtubes and ribbon cables), and it can be used for GPON networks with a pre-assembled splitter. Its unique compact design and manufacturing options help reduce assembly time and installation costs by up to 50 %. Key features include:

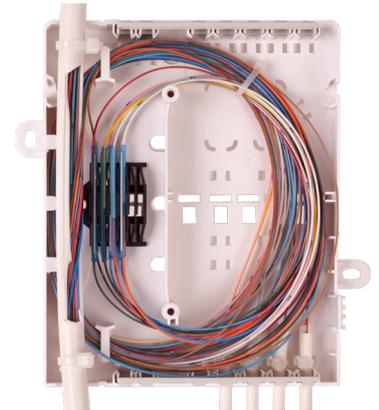
- The MTeH MINI enables termination of connectors and splicing of optical fibers.
- It can be pre-assembled with adapters, pigtails or splitters from manufacturing.
- Compact size makes installation in small spaces possible.
- Two screw-lock doors – a larger one for a technician with professional skills, who works with splitters, splices and pigtails, and a smaller one for a technician without professional skills, who connects customer drop cables.
- Capacity of up to 14 splices
- Capacity of up to 12× SC / 24× LC connector (in case of a pre-connected cable)
- Capacity of up to 10× SC / 12× LC connector (in case of termination by splicing on pigtails)
- Integrated holder to support 2 splices in the base of the box, possibility to place a holder for 12 splices
- PLC Splitter capability (1:2, 1:4, 1:8, 1:16 with LC connectors)
- Multiple cable or tube entry ports placed on all sides of the box increasing installation flexibility
- Support for vertical midspan (loop-through) cable
- Pre-moulded holes in the base for routing a cable through a wall
- Dedicated place for a company logo on the door of the box



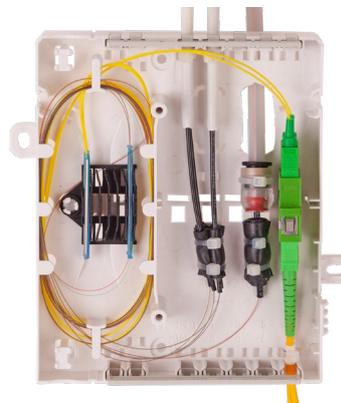
Plug & Play Solution – Using a Splitter



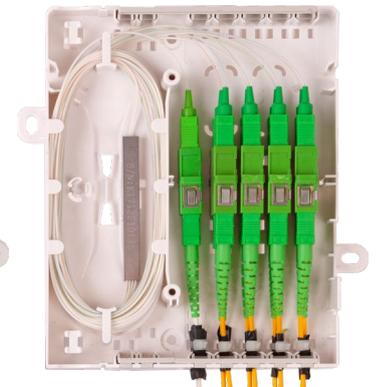
Riser Solution – Terminated on Pigtails



Riser Solution – Splicing Only



Combination of Usage



Plug & Play Solution – Using a Splitter



Technical Specifications	
Inputs / Outputs (quantity × range)	2× 1–14 mm, 16× 1–5 mm
Grommets (type and number of used grommets)	cable inlet
Ingress Protection	IP20
Impact Protection	IK08
Flammability Degree	V0
Material	PC / ABS
Color	white RAL 9003
Dimensions (H × W × D)	150 × 140 × 40 mm
Weight	0.2 kg

Ordering Codes	
85GR.00/0000F	MTeH MINI

• For other variants, please, contact our sales department.

MTeH EASY

GPON READY

The Fiber Optic Box MTeH EASY is designed as a simple box for indoor installation. It finds its application especially in FTTH networks. It is designed to store a pre-connectorized cable or blown cable reserves, which can be spliced when connecting the customer. It can be also used as a floor or a distribution box in small buildings.

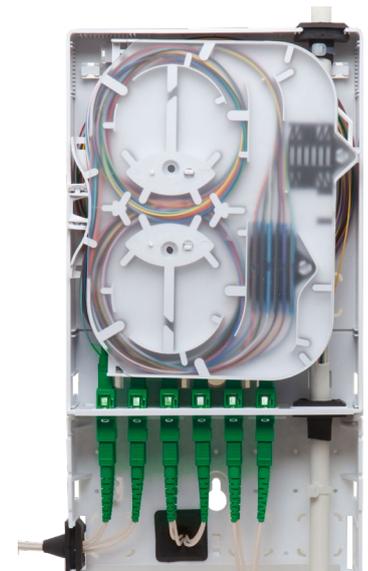
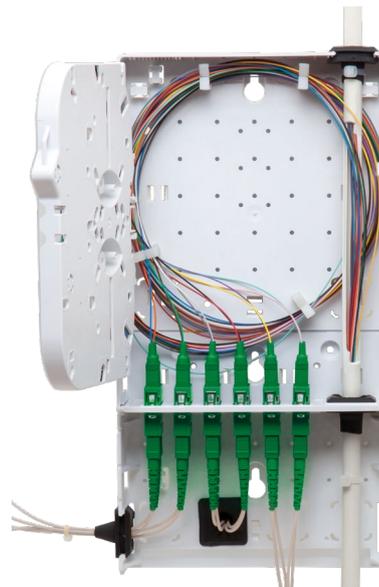
- Capacity of up to 48 splices
- Capacity of up to 12× SC / 24× LC connector
- Fiber Optic Tray KM 4 for up to 24 splices, for G.652d and G.657a,b (1 pc max.)
- Fiber Optic Tray KM 3 for up to 12 splices, for G.657a,b (4 pcs max.)
- Support for both termination of connectors and splicing of optical fibers
- PLC Splitter capability
- 2 positions for adapter panel
- Multiple cable entry ports placed on all sides of the box increasing installation flexibility (stepped grommet ø 3–10 mm)
- Support for cable reserve storage before connecting the customer
- Support for midspan (loop-through) cable
- Pre-moulded holes in the base for routing a cable through a wall
- Flat base with mounting holes
- Easy installation



Slack Box



Base and Adapter Cover



MTeH EASY 24S/12C with an Adapter Cover

YouTube



Installation Video 1

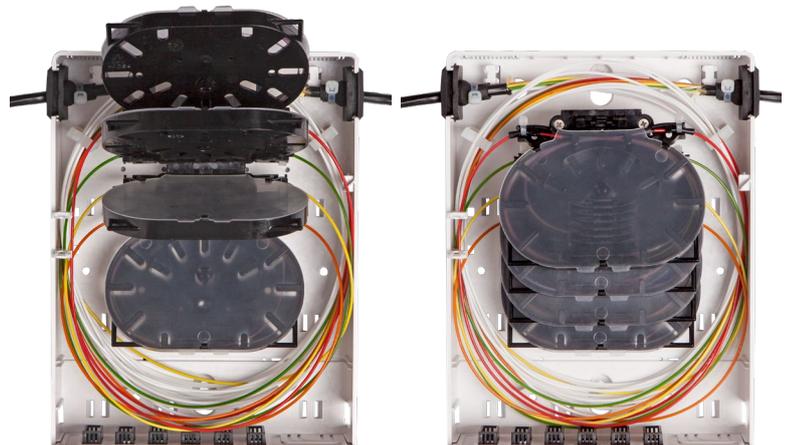


Installation Video 2

Technical Specifications	
Inputs / Outputs (quantity × range)	1 × 3–10 mm
Grommets (type and number of used grommets)	1 × stepped grommet
Ingress Protection	IP20
Impact Protection	IK05
Flammability Degree	V0
Material	PC / ABS
Color	white RAL 9003
Dimensions (H × W × D)	205 × 157 × 60 mm
Weight	0.3 kg

Ordering Codes	
85AX.00/0000F	MTeH EASY – Slack Box
85AX.00/0002F	MTeH EASY 24S/12C
85AX.00/0003F	MTeH EASY 48S
85AX.15/0000F	MTeH EASY – Adapter Cover

• For other variants, please, contact our sales department.



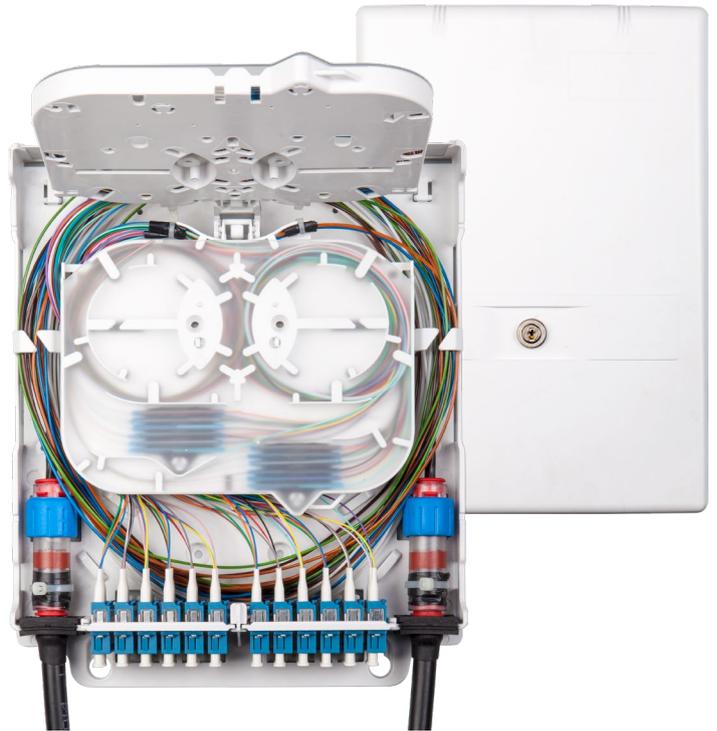
MTeH EASY 48S

MTeH UNI

GPON READY

The Fiber Optic Box MTeH UNI is designed as a versatile box, which can realize a wide range of configurations and interconnect fibers in many ways. It finds its application as a distribution box especially in FTTH networks. It is supplied with two types of connector panel and two Fiber Optic Trays KM 4.

- Capacity of up to 72 splices
- Capacity of up to 24× SC / 48× LC connector
- Fiber Optic Tray KM 4 for up to 24 splices (2 pcs max.)
- Support for both termination of connectors and splicing of optical fibers
- Optional splicing in the bottom part of the box
- PLC Splitter capability
- Removable connector panel for 12× SC simplex, 12× SC duplex, 12× LC duplex or 12× LC quad
- Connector plate protected by a cover
- Multiple cable entry ports placed on all sides of the box increasing installation flexibility (stepped grommet Ø 3–14 mm)
- Support for cable reserve storage
- Cover secured by key lock
- Support for midspan (loop-through) cable
- Easy installation



YouTube



Installation Video 1



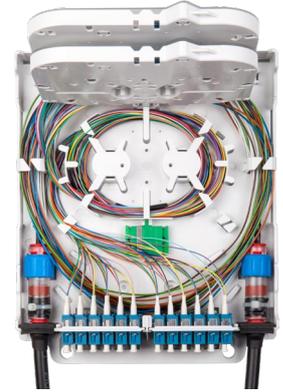
Installation Video 2



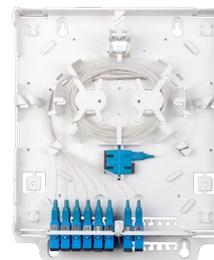
MTeH UNI 12× SC



MTeH UNI for Splicing



MTeH UNI 48× LC



Example of a PLC Splitter Installation



Example of an Extra Splice Holder

Technical Specifications	
Inputs / Outputs (quantity × range)	2× 3–14 mm
Grommets (type and number of used grommets)	2× stepped grommet
Ingress Protection	IP20
Impact Protection	IK07
Flammability Degree	V0
Material	PC / ABS
Color	white RAL 9003
Dimensions (H × W × D)	340 × 235 × 60 mm
Weight	0.9 kg

Ordering Codes	
85AV.00/0001F	MTeH UNI
85M9.16/0000	Splice Holder TS 12 (for heat shrink splices)
85M9.17/0000	Splice Holder K 12 (for crimp splices)
85SP.02/0000	Multi Cable Grommet (3–14 mm)

• For other variants, please, contact our sales department.

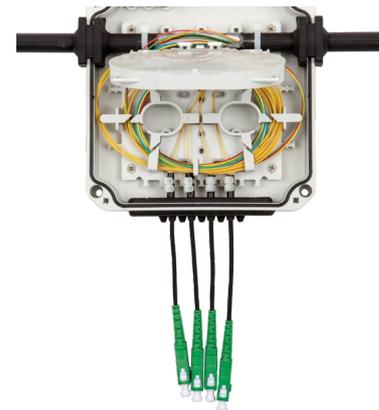
ORM 3 FA

GPON READY 5G READY

The Fiber Optic Box ORM 3 FA is designed for facades. The in-line solution permits the passage of an outdoor riser cable that runs along the facade. The necessary fibers are pulled out of the cable, as is the case with conventional riser cables inside the building. For drop cables there is a separate grommet for up to 11 cable entries.

The box contains fiber management and a splice tray for 12 splices. If necessary, the box can be expanded by an extension frame and 2 extra trays to increase the splicing capacity to 36.

- Capacity of 12/24/36 optical splices
- Possibility to place a PLC splitter
- In-line solution for outdoor riser cable
- 2× Dividable rubber grommet (10–13 mm)
- Possible overcoating with a standard facade paint



YouTube



Pole Bracket for ORM 3

Technical Specifications	
Inputs / Outputs (quantity × range)	2× 10–13 mm, 2× 3–9 mm, 9× 1.8–5 mm
Grommets (type and number of used grommets)	2× in-line grommet, 1× express port I.
Ingress Protection	IP54
Impact Protection	IK10
UV Resistance	yes
Flammability Degree	V0
Material	PC / ABS
Color	light gray RAL 7035
Dimensions (H × W × D)	136 × 136 × 46 mm
Weight	0.4 kg

Ordering Codes	
85BX.00/0100F	ORM 3 FA
85BX.05/0000F	ORM 3 FA (extension set)
85K3.11/BAL0F	Pole Bracket for ORM 3

• For other variants, please, contact our sales department.

ORM 3 L/2

GPON READY 5G READY

Technical Specifications	
Inputs / Outputs (quantity × range)	1× 3–6.5 mm, 4× 1–3 mm
Grommets (type and number of used grommets)	1× PG7, 2× rubber grommet
Ingress Protection	IP54
Impact Protection	IK10
UV Resistance	yes
Flammability Degree	V0
Material	PC / ABS
Color	light gray RAL 7035
Dimensions (H × W × D)	136 × 136 × 46 mm
Weight	0.4 kg

Ordering Codes	
85K3.40/0000F	ORM 3 L/2
85K3.11/BAL0F	Pole Bracket for ORM 3

• For other variants, please, contact our sales department.



Pole Bracket for ORM 3

ORM 3 L/4

GPON READY **5G READY**

Technical Specifications	
Inputs / Outputs (quantity × range)	1 × 3–6.5 mm, 4 × 1–3 mm
Grommets (type and number of used grommets)	1 × PG7, 2 × rubber grommet
Ingress Protection	IP54
Impact Protection	IK10
UV Resistance	yes
Flammability Degree	V0
Material	PC / ABS
Color	light gray RAL 7035
Dimensions (H × W × D)	136 × 136 × 46 mm
Weight	0.4 kg

Ordering Codes	
85K3.50/0000F	ORM 3 L/4
85K3.11/BAL0F	Pole Bracket for ORM 3

• For other variants, please, contact our sales department.



Pole Bracket for ORM 3



ORM 3 SL 12S

GPON READY **5G READY**

Technical Specifications	
Inputs / Outputs (quantity × range)	2 × 3–9 mm, 9 × 1.8–5 mm
Grommets (type and number of used grommets)	1 × express port I.
Ingress Protection	IP54
Impact Protection	IK10
UV Resistance	yes
Flammability Degree	V0
Material	PC / ABS
Color	light gray RAL 7035
Dimensions (H × W × D)	136 × 136 × 46 mm
Weight	0.4 kg

Ordering Codes	
85K3.60/0000F	ORM 3 SL 12S
85K3.11/BAL0F	Pole Bracket for ORM 3

• For other variants, please, contact our sales department.



Pole Bracket for ORM 3



ORM 3 SH 24S

GPON READY **5G READY**

Technical Specifications	
Inputs / Outputs (quantity × range)	2 × 3–9 mm, 9 × 1.8–5 mm
Grommets (type and number of used grommets)	1 × express port I.
Ingress Protection	IP54
Impact Protection	IK10
UV Resistance	yes
Flammability Degree	V0
Material	PC / ABS
Color	light gray RAL 7035
Dimensions (H × W × D)	136 × 136 × 64 mm
Weight	0.5 kg

Ordering Codes	
85K3.70/0000F	ORM 3 SH 24S
85K3.11/BAL0F	Pole Bracket for ORM 3

• For other variants, please, contact our sales department.



Pole Bracket for ORM 3



ORM 5

GPON READY **5G READY**

The Fiber Optic Box ORM 5 is a wall mounted closure designed for indoor / outdoor installation for the termination and distribution of optical fibers. The box is mainly suited for FTTH networks. It can be used both in suburban areas with a lower subscriber density (family houses, low apartment buildings or offices) or functions as a floor distribution box in multi-dwelling units (MDUs).

- Capacity of up to 12 splices
- Capacity of up to 4× SC / 8× LC connector
- Fiber Optic Tray KM 2 for up to 12 splices
- PLC Splitter capability (small format)
- Stepped grommet in the back wall of the box (ø 3–14 mm)
- Pre-fabricated access holes in the back wall of the box (grommet ø 5–9 mm)
- 4 splittable grommets, each of them for up to 2 patch cords
- Suitable and equipped for gas block installation (for a microtube with ø 5–14 mm)
- Optional pole bracket
- Optional lockable lid
- Hinged removable lid to facilitate easy access
- Simple installation



ORM 5 with a Folded Tray, Microtube and Gasblock

ORM 5 with a Tilted Tray (4× SC)

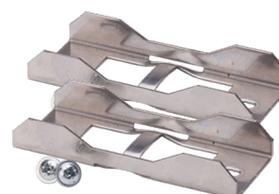
Technical Specifications	
Inputs / Outputs (quantity × range)	4× 3–14 mm / 8× 1–3 mm, 1× 3–14 mm
Grommets (type and number of used grommets)	4× stepped grommet / 4× splittable grommet, 1× stepped grommet
Ingress Protection	IP55
Impact Protection	IK10
UV Resistance	yes
Temperature Range	–40 °C / +70 °C
Material	PC / ABS
Color	light gray RAL 7035
Dimensions (H × W × D)	235 × 156 × 45 mm
Weight	0.5 kg

Ordering Codes	
85SP.00/0000F	ORM 5
85BV.01/0000F	Lock for ORM 5
85E0.97/00R5F	Pole Bracket for ORM 5

• For other variants, please, contact our sales department.



Robust Lid of ORM 5



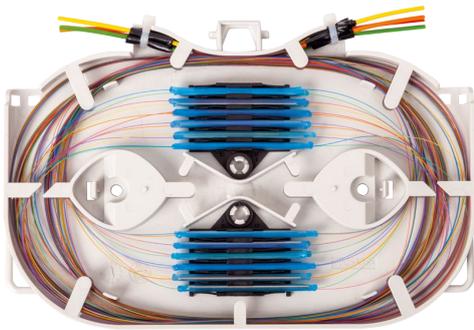
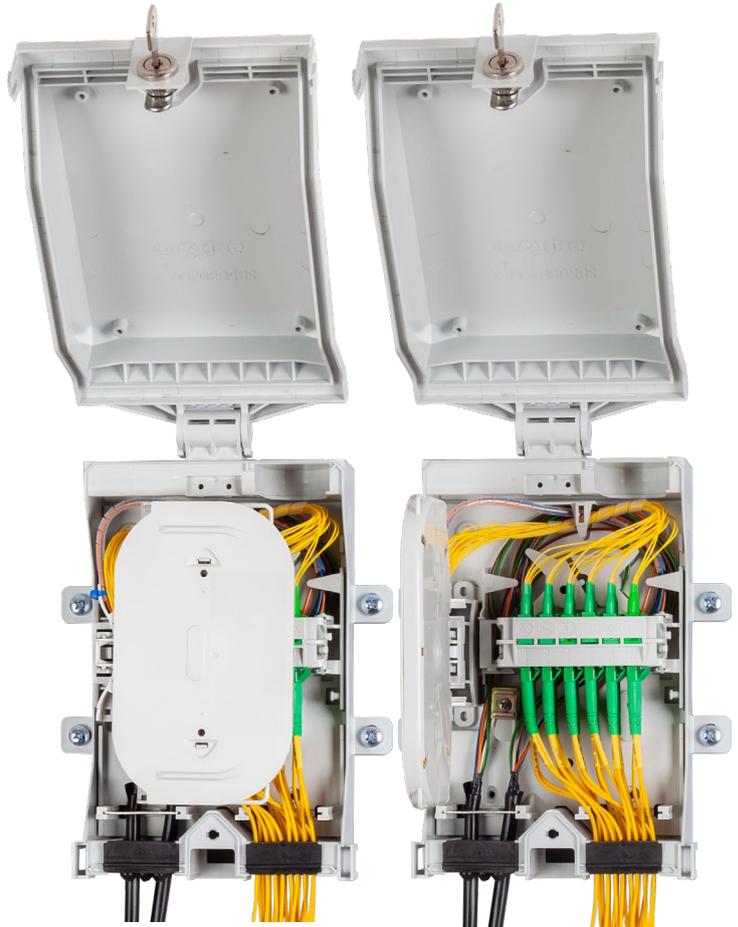
Pole Bracket for ORM 5

MDB XS

NEW **GPON READY** **5G READY** **FiberRoad** **SFMS**

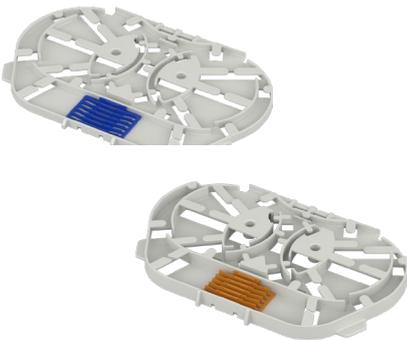
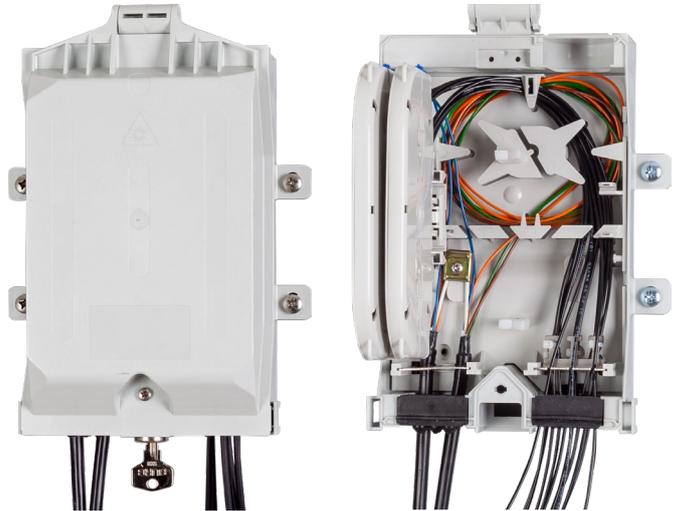
The Fiber Optic Box MDB XS, designed for various fiber optic organizers inside, can be configured to address a wide range of fiber optic splice and/or connectivity applications for PON, GPON and 5G networks. The MDB XS provides the ideal splicing solution for multi dwelling unit fiber distribution points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



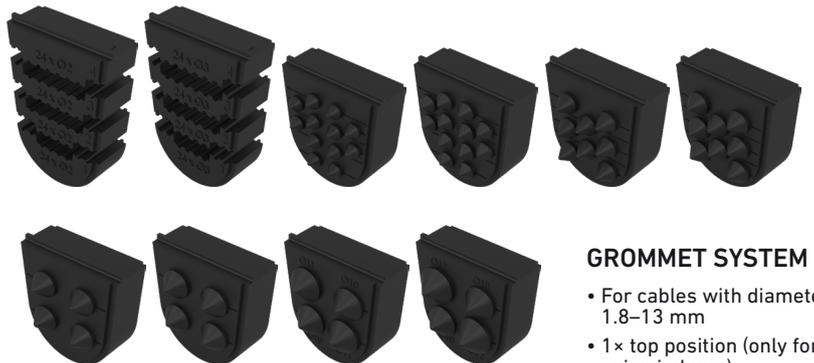
KM 6

- For splicing
- Up to 24 splices



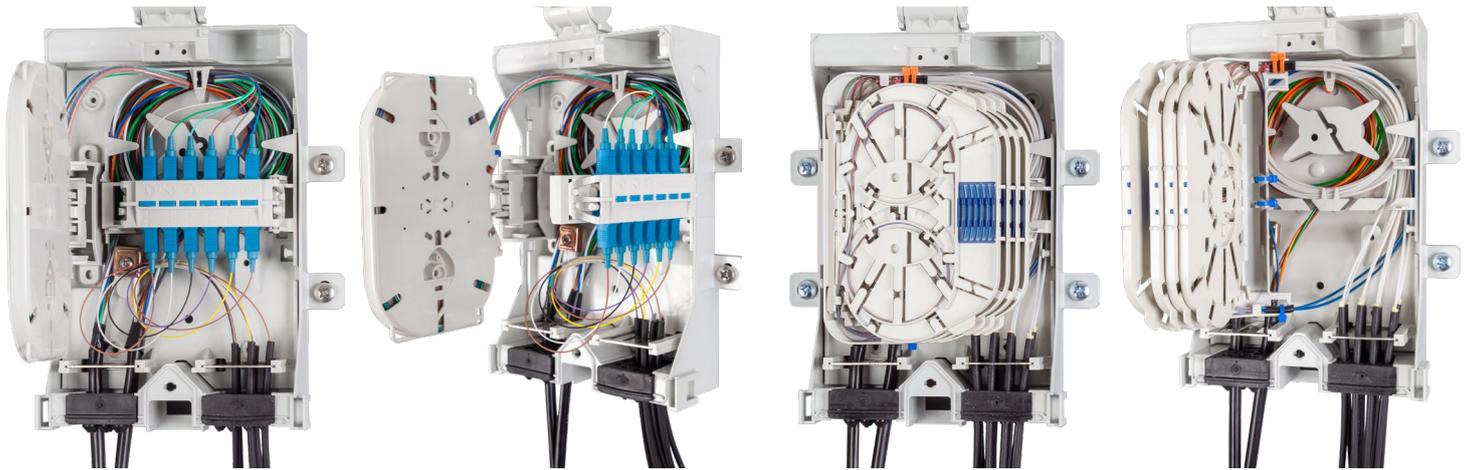
SFMS SYSTEM

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



GROMMET SYSTEM

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



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 – Grommet Selection)
Grommets (type and number of used grommets)	For using outdoors: Grommet System – 2 pcs PG 16 – 1 pc For using indoors: Grommet 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)	Grommet 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

• For other variants, please, contact our sales department.

Section 0
Box

Section 1
Grommet Selection

Section 2
Organizer Selection

MDB XS

XX X

X

A
B
C

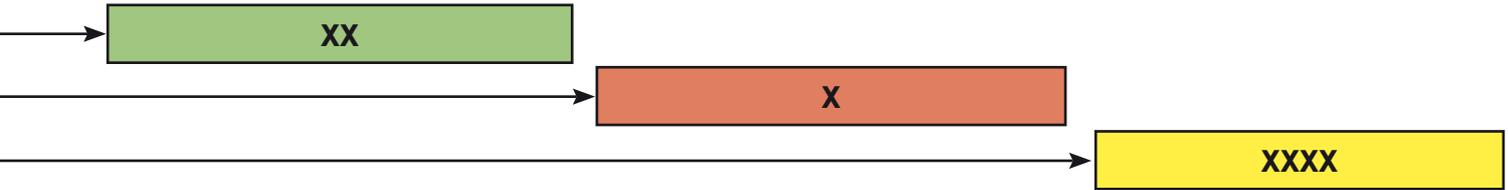
bottom top
A-K – Only for using indoors
P – For using outdoors



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	<p>Patching and splicing</p> <p>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</p>
B	<p>Patching, covered splicing section</p> <p>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</p>
C	<p>Only splicing, SFMS Trays</p> <p>Only splicing SFMS Trays For SC Short, SE Short Capacity of up to 24 splices 85U8.18/000X</p>

Section 3 Tray Type Selection



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

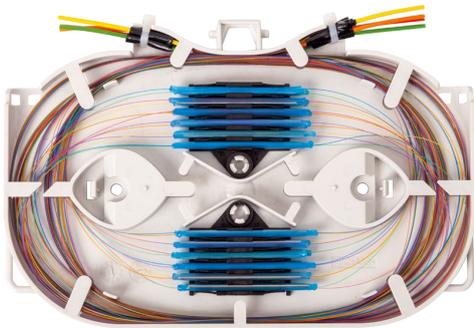


MDB S



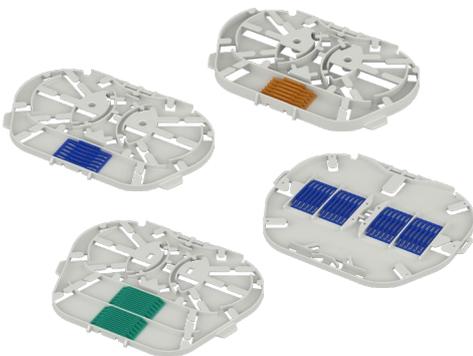
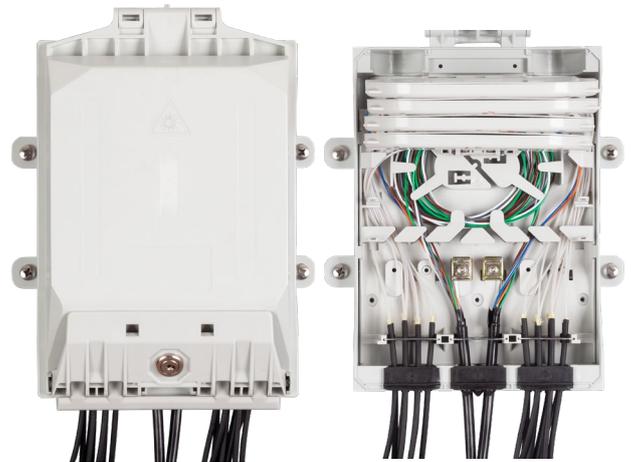
The Fiber Optic Box MDB S is a durable fiber optic box, designed for various fiber organizers inside. The box can be configured to address a wide range of fiber optic splice and/or connectivity applications for PON, GPON and 5G networks. The engineered design provides IP65 protection from water / dust ingress and IK10 impact resistance to keep your critical network connections safe inside. The MDB S provides the ideal splicing solution for multi dwelling unit fiber distribution points or outdoor pole mounted splice applications.

- Capacity of up to 96 splices
- Capacity of up to 24× SC / 48× LC connector
- Multiple cable or tube entry ports on all sides of the box to increase installation flexibility
- Top outputs – PG grommets for using outdoors, Grommet System for using indoors
- Support for various fiber organizers
- Fiber Optic Tray KM 6 for up to 24 splices (4 pcs max.)
- Holder for 12 pcs of adapters (Simplex, Duplex or LC Quad)
- 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)
- Grommet 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



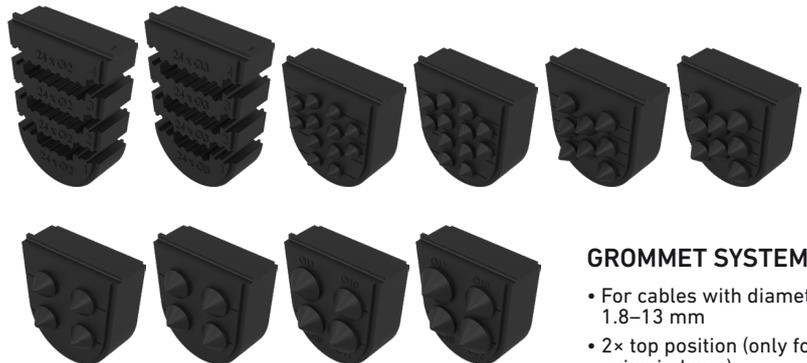
KM 6

- For splicing
- Up to 24 splices



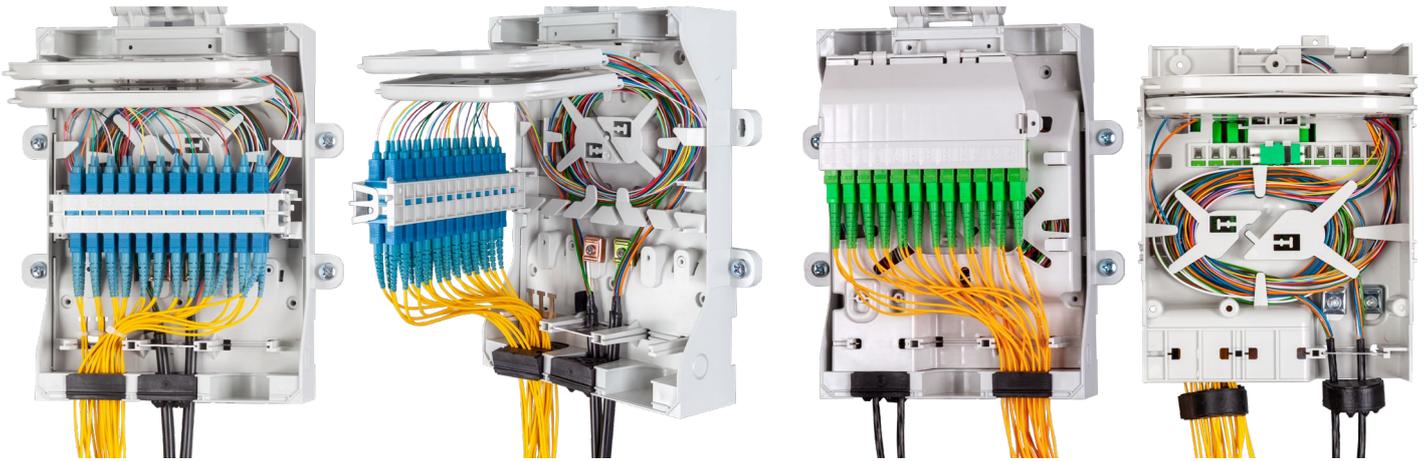
SFMS SYSTEM

- For splicing
- Up to 12 splices
- Only for fibers ϕ 0.25 mm



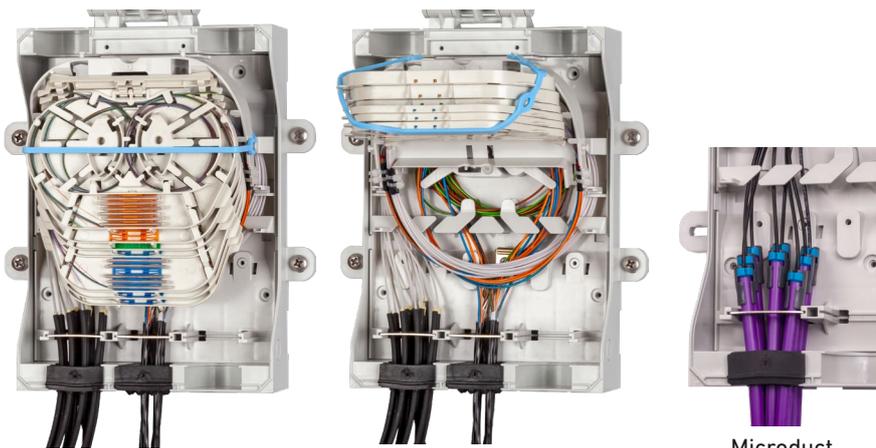
GROMMET SYSTEM

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



MDB S-AFN NN-A-DDP2
PATCHING: 24× SC CONNECTOR

MDB S-AEN NN-B-DD
PATCHING: 48× LC CONNECTOR



MDB S-CEN NN-C-EEEAC2C2
SPLICING: 96 SPLICES

Microduct Termination in the Box

Slack Cable Storage for MDB S



Integrated pole bracket



Technical Specifications	
Inputs / Outputs (quantity × range)	For using outdoors: 3× 1.8–13 mm 2× 10–14 mm or optional insert For using indoors: 5× 1.8–13 mm (follow the Configurator – Section 1 – Grommet Selection)
Grommets (type and number of used grommets)	For using outdoors: Grommet System – 3 pcs PG 16 – 2 pcs For using indoors: Grommet System – 5 pcs
Ingress Protection	IP65
Impact Protection	IK10
Flammability Degree	V0
Material	PC / ASA
Color	light gray RAL 7035
Dimensions (H × W × D)	295 × 187 × 106 mm
Weight	1.3 kg

Ordering Codes	
On request	Custom Configuration
Follow the Configurator (Section 1)	Grommet Kit Separately
Follow the Configurator (Section 2)	Box with Organizer Separately
Follow the Configurator (Section 3)	Tray Kit Separately
85TG.24/000XF	Slack Cable Storage for MDB S

• For other variants, please, contact our sales department.

Section 0
Box

Section 1
Grommet Selection

Section 2
Organizer Selection

MDB S

XXX XX

X

bottom top
A-K - Only for using indoors
P - For using outdoors

A
B
C



Select 5 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 (can be cut) 85C3.65/000X
K		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	<p>Patching and splicing</p> <p>Use with adapters Ability to combine KM 6 with the adapter holder Capacity of up to 96 splices (without the adapter holder) Capacity of up to 24× SC / 48× LC connector 85TG.20/000X</p>
B	<p>Patching, covered splicing section</p> <p>Use with adapters Capacity of up to 48 splices (covered splicing section) Capacity of up to 24× SC / 48× LC connector Only SC duplex or LC quad 85TG.21/000X</p>
C	<p>Only splicing, SFMS Trays</p> <p>Only splicing SFMS Trays Capacity of up to 96 splices 85TG.22/000X</p>

Section 3 Tray Type Selection

XXXX

XX

XXXX XXXX

Select up to 4 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 S Capacity of up to 12x SC / 24x LC connector (SC simplex / LC duplex) 85T6.23/000X
P2		Adapter Panel MDB S Capacity of up to 24x SC / 48x LC connector (SC duplex / LC quad) 85T6.23/000X
N	NONE	The position remains empty

Select 2 options 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 8 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, 4x ribbon or 4x splitter, for ribbon 80812916
E		SC Long, 12F, for heatshrink 80812456
F		SC Long, 24F, for crimp 85100030
G		SC Long, 24F + splitter, for heatshrink 50161971
N	NONE	The position remains empty

TRAYS COMPATIBLE WITH
THE FIBEROAD™ SYSTEM

SFMS TRAYS

Examples of creating a name:

MDB S-AAG NN-A-DDP2

MDB S-ECC NN-B-DD

MDB S-JAA NN-C-C2C2 C2C2

Section 0

Section 1

Section 2

Section 3

MDB M

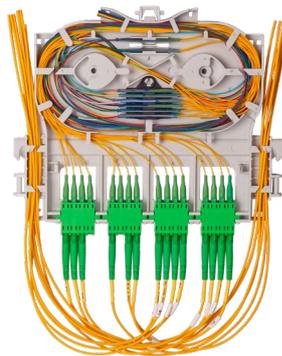
NEW **GPON READY** **5G READY** **FiberRoad**

The Fiber Optic Box MDB M is a durable fiber optic box, designed with the highly flexible FiberRoad™ System inside. The box can be configured to address a wide range of fiber optic splice and/or connectivity applications for PON, GPON and 5G networks. The engineered design provides IP65 protection from water / dust ingress and IK10 impact resistance to keep your critical network connections safe inside. The MDB M provides the ideal splicing solution for multi dwelling unit fiber distribution points or outdoor pole mounted splice applications.

- Capacity of up to 144 splices
- Capacity of up to 48× SC / 96× LC connector
- Multiple cable or tube entry ports on all sides of the box to increase installation flexibility
- Top outputs – PG grommets for using outdoors, Grommet System for using indoors
- Ability to mix & match the Fiber Optic Trays KM 4, KM 5, KM 6, KM 7, KM 9
- KM 4 and KM 6 for up to 24 splices (6 pcs max.)
- KM 5 for up to 12× SC / 24× LC connector (4 pcs max.)
- KM 7 for up to 8× SC / 16× LC connector (for GPON, 4 pcs max.)
- KM 9 for up to 12 splices (12 pcs max.)
- Scalable through gradual adding of trays
- Optional placing of PLC Splitters in the management (outside a tray)
- Up to 2 PLC Splitters ABS together with 4× KM 7 (length 0.8 m)
- Hingeable (or detachable) splicing (or patching) section
- FiberRoad™ System compatible
- Removable internal fiber management chassis to enable maximum access
- Support for ribbon fibers
- Support for midspan (loop-through) cable deployments (via an express port)
- Grommet system for cables with diameters 1.8–13 mm
- Increased durability, impact protection and water / dust ingress resistance (IP65, IK10)
- Significant space for patch cords and cables reserves
- Optional pole bracket
- Suitable for all types of networks



KM 4
 • For splicing
 • Up to 24 splices

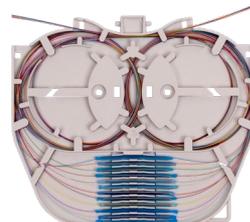


KM 5
 • For adapters
 • Up to 12× SC / 24× LC connector
 • Up to 24 splices

KM 7
 • For adapters
 • Up to 8× SC / 16× LC connector
 • Up to 16 splices



KM 6
 • For splicing
 • Up to 24 splices



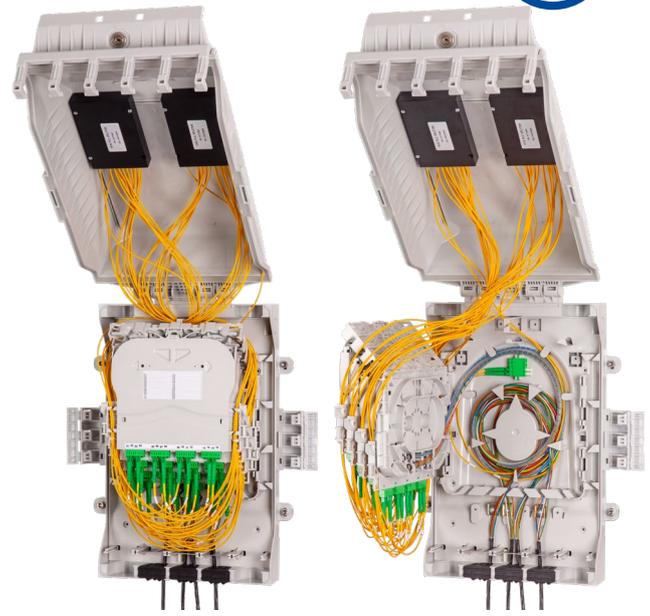
KM 9
 • For splicing
 • Up to 12 splices



GROMMET SYSTEM
 • For cables with diameters 1.8–13 mm
 • 2× top position (only for using indoors)
 • 5× bottom position



MDB M-AAHNN NN-A-KAKAKAKA
PATCHING: 96× LC CONNECTOR



MDB M-HHHNN NN-B-GGGG
PATCHING: 64× LC CONNECTOR + PLC SPLITTERS ABS



MDB M-AAHNN NN-C-AAAAAA
SPLICING: 144 SPLICES



Microduct Termination in the Box



Slack Cable Storage for MDB M



Pole Bracket

Technical Specifications	
Inputs / Outputs (quantity × range)	For using outdoors: 5× 1.8–13 mm 2× 10–14 mm or optional insert For using indoors: 7× 1.8–13 mm (follow the Configurator – Section 1 – Grommet Selection)
Grommets (type and number of used grommets)	For using outdoors: Grommet System – 5 pcs PG 16 – 2 pcs For using indoors: Grommet System – 7 pcs
Ingress Protection	IP65
Impact Protection	IK10
Flammability Degree	V0
Material	PC / ASA
Color	light gray RAL 7035
Dimensions (H × W × D)	427 × 290 × 132 mm
Weight	2.6 kg

Ordering Codes	
On request	Custom Configuration
Follow the Configurator (Section 1)	Grommet Kit Separately
Follow the Configurator (Section 2)	Box with Organizer Separately
Follow the Configurator (Section 3)	Tray Kit Separately
85E0.97/0000F	Pole Bracket
85C3.C3/000XF	Slack Cable Storage for MDB M

• For other variants, please, contact our sales department.

Section 0
Box

Section 1
Grommet Selection

Section 2
Organizer Selection

MDB M

XXXXX XX

X

bottom

top

A-K - Only for using indoors

P - For using outdoors

A
B
C
D



Select 7 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 (can be cut) 85C3.65/000X
K		2× 9.6-10.6 mm (can be cut) 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	Use with adapters For KM 5 Capacity of up to 96 splices Capacity of up to 48× SC / 96× LC connector 85C3.91/000X
B	 Patching and splicing	Use with adapters Ability to mix & match KM 4, KM 5, KM 6, KM 7 Capacity of up to 96 splices Capacity of up to 32× SC / 64× LC connector Optional PLC Splitters ABS 85C3.92/000X
C	 Only splicing	Only splicing For KM 4 and KM 6 Capacity of up to 144 splices 85C3.93/000X
D	 Only splicing	Only splicing For KM 9 Capacity of up to 144 splices 85C3.94/000X

YouTube



Section 3 Tray Type Selection

XXXX XXXX

XXXX

XXXX XX

XXXXXX XXXXXX

Select up to 8 options as below (only for management „A“):		
KA		KM 5 for heatshrink SC / LC connectors 85C3.76/000X
KB		KM 5 for ribbon SC / LC connectors 85C3.77/000X
KC		KM 5 for crimp SC / LC connectors 85C3.78/000X
N	NONE	The position remains empty

Select up to 4 options as below (only for management „B“):		
A		KM 4 for heatshrink 85C3.79/000X
B		KM 4 for ribbon 85C3.81/000X
C		KM 4 for crimp 85C3.82/000X
D		KM 6 for heatshrink 85C3.83/000X
E		KM 6 for ribbon 85C3.84/000X
F		KM 6 for crimp 85C3.85/000X
G		KM 7 for heatshrink SC / LC connectors 85C3.86/000X
H		KM 7 for ribbon SC / LC connectors 85C3.87/000X
J		KM 7 for crimp SC / LC connectors 85C3.88/000X
KA		KM 5 for heatshrink SC / LC connectors 85C3.76/000X
KB		KM 5 for ribbon SC / LC connectors 85C3.77/000X
KC		KM 5 for crimp SC / LC connectors 85C3.78/000X
N	NONE	The position remains empty

Select 6 options as below (only for management „C“):		
A		KM 4 for heatshrink 85C3.79/000X
B		KM 4 for ribbon 85C3.81/000X
C		KM 4 for crimp 85C3.82/000X
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 12 options as below (only for management „D“):		
L		KM 9 for heatshrink and crimp 85AV.52/000X
N	NONE	The position remains empty

Examples of creating a name:

MDB M-AJJNN NN-A-KAKA KAKA

MDB M-BBKKK NN-B-AAGG

MDB M-BBGGG NN-C-AAAA AA

MDB M-BBKKK NN-D-LLLLLL LLNNNN

Section 0

Section 1

Section 2

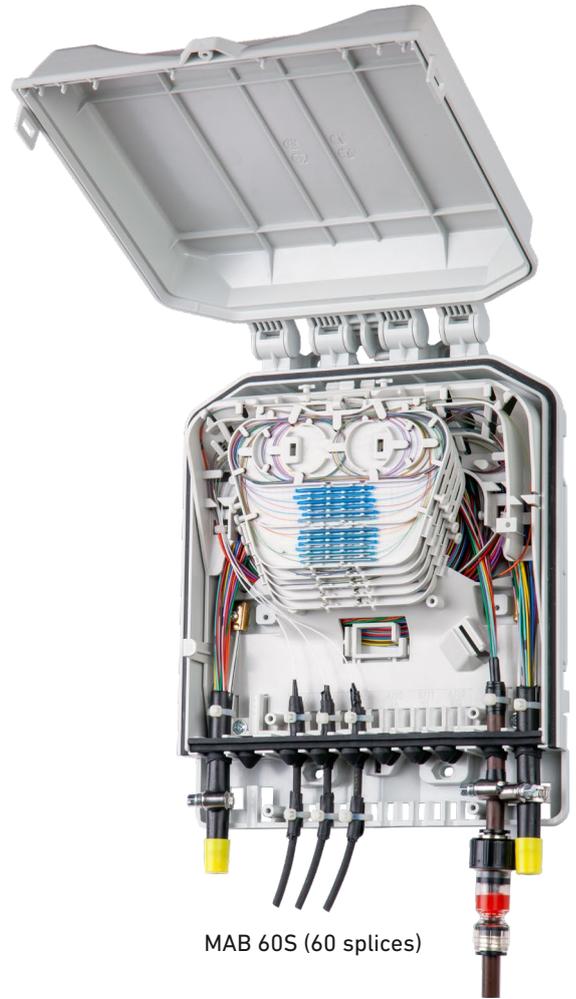
Section 3

MAB

GPON READY **5G READY**

The Fiber Optic Box MAB is used to store up to 60 splices or to terminate up to 12 fibers with SC/LC connectors in a flip tray splice system. It provides the ability to connect customers in three ways (pre-connectorized drop cables, splicing or splicing in a subscriber tray with six separate sections). The box can be equipped with an internal cover to protect the splicing section. An integrated pole mount is included, making it suitable as an access point for overhead GPON or 5G networks.

- Capacity of up to 60 splices
- Capacity of up to 12× SC connector (24 splices only)
- Capacity of up to 12× LC connector (only 48 splices without internal cover)
- Fiber management with flip tray splice system
- Optional placing of PLC Splitters outside a tray (2× small format of 4 × 4 × 40 mm)
- One optional subscriber tray with six separate sections
- Optional internal cover to protect the main network fibers
- 4× 1.6–14 mm input
- 12× 1.6–10 mm input
- Support for midspan (loop-through) cable
- Integrated pole bracket
- Optional Cable Reserve Holder
- Ability to secure the lid with a screw
- Suitable for overhead networks
- Suitable for GPON and 5G networks
- For G.657A fibers



MAB 60S (60 splices)



Technical Specifications	
Inputs / Outputs (quantity × range)	4× 1.6–14 mm, 12× 1.6–10 mm
Grommets (type and number of used grommets)	Multi-Hole Grommet
Ingress Protection	IP54
Impact Protection	IK08
Material	PC / ASA
Color	light gray RAL 7035
Dimensions (H × W × D)	297.5 × 239 × 73 mm
Weight	1 kg

Ordering Codes	
85TZ.30/000XF	MAB 60S
85TZ.31/000XF	MAB 12/12 Trays Cover
85TZ.29/000XF	Slack Cable Storage for MAB
85TZ.09/000X	Subscriber Tray with Six Separate Sections
85TZ.18/000X	Fiber Optic Tray MAB

- For other variants, please, contact our sales department.



MAB without Trays



MAB 12/12 Trays Cover
(6x LC duplex and an internal cover)



MAB 60S (60 splices)



MAB 12/12 Trays Cover
(6x SC duplex and an internal cover)



MAB 12/12 Trays Cover (6x SC duplex
and a hinged internal cover)



MAB with a Subscriber Tray



Subscriber Tray with
Six Separate Sections



Fiber Optic Tray MAB



Slack Cable Storage for MAB

MDB FA 144S, MDB FA 192S, MDB FA 288S

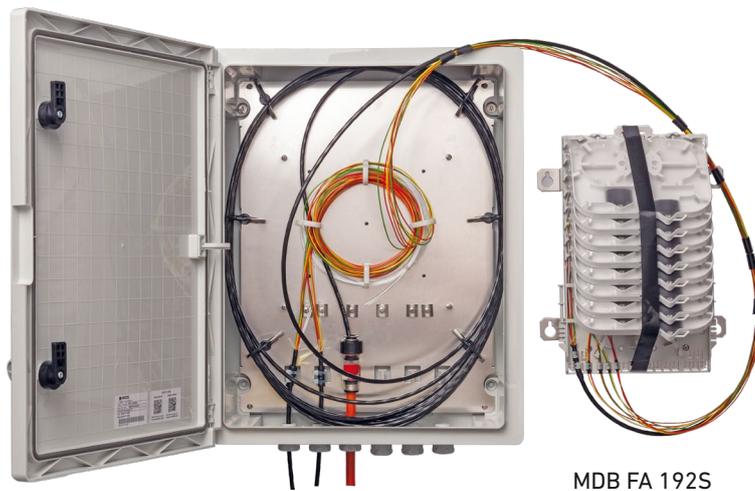
GPON READY
5G READY
FiberRoad

The Fiber Optic Boxes MDB FA 144S, MDB FA 192S and MDB FA 288S are designed for the placement of 144/192/288 optical splices indoors and outdoors. A pole holder can be attached. It is a very suitable solution for spliced GPON networks.

- Maximum capacity of 144/192/288 splices
- Cable rings
- Placement of a large slack inside the cable management
- Removable splicing part
- FiberRoad™ System
- Modular capacity increase
- Possibility of placing PLC splitters inside the management (outside the trays)
- Possibility KM 4 trays and KM 6 trays for 24 splices
- Possibility KM 9 trays for 12 splices
- Possibility of using ribbon fibers



MDB FA 144S



MDB FA 192S



MDB FA 288S

Technical Specifications	
Inputs / Outputs (quantity × range)	5 / 6 / 6 × 8–16 mm
Grommets (type and number of used grommets)	5 / 6 / 6 × PG16
Ingress Protection	IP65
Impact Protection	IK08
Material	ABS
Color	light gray RAL 7035
Dimensions (H × W × D)	400 × 300 × 170 mm / 500 × 400 × 170 mm / 600 × 400 × 200 mm
Weight	4 / 5.5 / 6.5 kg

Ordering Codes	
85TA.00/0000F	MDB FA 144S
85TA.10/0000F	MDB FA 192S
85TA.20/0000F	MDB FA 288S
496041	Key Lock (set of 2 pcs needed)
85C3.79/000X	KM 4 Kit for Heat Shrinkable Protection
85C3.82/000X	KM 4 Kit for Crimp Protection
85C3.81/000X	KM 4 Kit for Ribbon Protection
85C3.83/000X	KM 6 Kit for Heat Shrinkable Protection
85C3.85/000X	KM 6 Kit for Crimp Protection
85C3.84/000X	KM 6 Kit for Ribbon Protection
On request	MDB FA 144S KM 9
On request	MDB FA 192S KM 9
On request	MDB FA 288S KM 9
85AV.52/000X	KM 9 SC



FiberRoad™ stackable

• For other variants, please, contact our sales department.

MDB FA 24/48, MDB FA 48/96, MDB FA 72/144

GPON READY 5G READY FibeRoad

The Fiber Optic Boxes MDB FA 24/48, MDB FA 48/96 and MDB FA 72/144 are designed for the termination of 24/48/72 fibers to SC connectors or 48/96/144 fibers to LC connectors indoors and outdoors (for trays KM 5). The distribution boxes can be enhanced by the pole holder and can store large cable/patchcords reserves.

- Capacity of up to 72/168/264 splices (for KM 4, KM 6)
- Capacity of up to 24/48/72× SC or 48/96/144× LC connector (for KM 5)
- Capacity of up to 24/56/88× SC or 48/112/176× LC connector (for KM 7)
- Ranging rings
- Possibility of storing large cable/patchcord reserves inside the distribution box
- Removable splicing/patching part
- FibeRoad™ System
- Possibility of modular increasing of the capacity
- Possibility of placing PLC Splitters in the management section (outside the tray)
- KM 4 and KM 6 for up to 24 splices
- KM 5 for up to 12× SC / 24× LC connector
- KM 7 for up to 8× SC / 16× LC connector (for GPON)
- Hinging KM 5, KM 7 tray for a better handling
- Possibility of ribbon fibers



Technical Specifications	
Inputs / Outputs (quantity × range)	48 × 3 mm, 3 × 8–16 mm / 96 × 3 mm, 4 × 8–16 mm / 144 × 3 mm, 4 × 8–16 mm
Grommets (type and number of used grommets)	2 × PG29, 3 × PG16 / 4 × PG29, 4 × PG16 / 6 × PG29, 4 × PG16
Ingress Protection	IP65
Impact Protection	IK08
Material	ABS
Color	light gray RAL 7035
Dimensions (H × W × D)	400 × 300 × 170 mm / 500 × 400 × 170 mm / 600 × 400 × 200 mm
Weight	2.9 / 4.6 / 6.2 kg

Ordering Codes	
85TA.50/0000F	MDB FA 24/48
85TA.60/0000F	MDB FA 48/96
85TA.70/0000F	MDB FA 72/144
496041	Key Lock (set of 2 pcs needed)
85C3.79/000X	KM 4 Kit for Heat Shrinkable Protection
85C3.82/000X	KM 4 Kit for Crimp Protection
85C3.81/000X	KM 4 Kit for Ribbon Protection
85AV.94/0000F	KM 5 Kit for Heat Shrinkable Protection
85AV.94/00K2F	KM 5 Kit for Crimp Protection
85AV.94/00R3F	KM 5 Kit for Ribbon Protection
85C3.83/000X	KM 6 Kit for Heat Shrinkable Protection
85C3.85/000X	KM 6 Kit for Crimp Protection
85C3.84/000X	KM 6 Kit for Ribbon Protection
85C3.86/000X	KM 7 Kit for Heat Shrinkable Protection
85C3.88/000X	KM 7 Kit for Crimp Protection
85C3.87/000X	KM 7 Kit for Ribbon Protection

• For other variants, please, contact our sales department.

MDB 5G 12/24/48

NEW **5G READY**

The Fiber Optic Box MDB 5G 12/24/48 is designed to connect up to 6/12/24 RRHs (remote radio heads). The engineered design provides IP65 protection from water / dust ingress and IK10 impact resistance to keep your critical network connections safe inside.

- Capacity of up to 12× LC connector (for MDB XS-DF-5G-6LCD)
- Capacity of up to 24× LC connector (for MDB S-DDF-5G-12LCD)
- Capacity of up to 48× LC connector (for MDB M-DDDDF-5G-24LCD)
- Support for up to 6/12/24 RRHs (remote radio heads)
- Grommets included in the box
- Grommet system for cables with diameters 1.8–13 mm
- Grommets can be cut (compatible with connectors)
- Increased durability, impact protection and water / dust ingress resistance (IP65, IK10)
- Integrated pole bracket (only for MDB XS and MDB S)
- Brackets for fixing cables inside the box
- Support for fixing cables outside the box (on request)



FTTA/5G
RRH Connection Solution



Pole Clamp



MDB M-DDDDF-5G-24LCD



MDB XS-DF-5G-6LCD



MDB S-DDF-5G-12LCD

Technical Specifications	
Inputs / Outputs (quantity × range)	2×, 3× or 5× 1.8–13 mm
Grommets (type and number of used grommets)	Grommet System – 2, 3 or 5 pcs
Ingress Protection	IP65
Impact Protection	IK10
Material	PC / ABS
Color	light gray RAL 7035
Dimensions (H × W × D)	252 × 150 × 85 mm / 295 × 187 × 106 mm / 427 × 290 × 132 mm
Weight	4 / 5.5 / 6.5 kg

Ordering Codes	
854Y.00/000XF	MDB XS-DF-5G-6LCD
854Y.10/000XF	MDB S-DDF-5G-12LCD
854Y.20/000XF	MDB M-DDDDF-5G-24LCD
854Y.00/001XF	MDB XS-DF-5G-6LCD-E (without adapters)
854Y.10/001XF	MDB S-DDF-5G-12LCD-E (without adapters)
854Y.20/001XF	MDB M-DDDDF-5G-24LCD-E (without adapters)
85E0.97/0000F	Pole Bracket (for MDB M)
85BV.49/0145F	Pole Clamp ø 145 mm max.
85BV.49/0370F	Pole Clamp ø 370 mm max.
85BV.49/0570F	Pole Clamp ø 570 mm max.

• For other variants, please, contact our sales department.

ORU 1, ORU 2, ORU 3

GPON READY
5G READY
SAFeTNET

The Fiber Optic Boxes ORU 1, ORU 2 and ORU 3 are designed as a multi-purposed distributor with hinged rack for assembly up to 4, 16, 24 splice modules SAFeTNET for terminating or connecting of optical cables in micro-ducts or HDPE protecting pipes. Their construction enables using both indoors and outdoors.

- Maximum capacity 144, 576, 864 optical splices
- Maximum number of splice modules SAFeTNET 4, 16, 24 pcs
- Placement of optical fiber reserve, length 2.15 m, 3 m, 4 m
- Possibility of connector panel installation for measurement
- Possibility of oval grommet installation for undivided cable (so-called „OMEGA“)
- Removable roof



ORU 1



ORU 2



ORU 3

Ordering Codes	
8507.00/000NF	ORU 1
8508.00/000NF	ORU 2
8509.00/000NF	ORU 3
8521.08/BALOF	Pole Bracket

• For other variants, please, contact our sales department.



Pole Bracket

Technical Specifications	ORU 1	ORU 2	ORU 3
Inputs / Outputs (quantity x range)	3x 23-46 mm, 4x 9-24 mm	5x 23-46 mm, 3x 9-24 mm, 1x 15-19 mm / 21-25 mm, 3x 8-12 mm	12x 23-46 mm
Grommets (type and number of used grommets)	3x rubber grommet ø 50 mm, 4x rubber grommet ø 30 mm	5x rubber grommet ø 50 mm, 3x rubber grommet ø 30 mm, 1x PG29, 3x PG13.5	12x rubber grommet ø 50 mm
Ingress Protection	IP54	IP54	IP54
Impact Protection	IK10	IK10	IK10
UV Resistance	yes	yes	yes
Flammability Degree	V0	V0	V0
Material	glass reinforced polyester SMC	glass reinforced polyester SMC	glass reinforced polyester SMC
Color	light gray RAL 7035	light gray RAL 7035	light gray RAL 7035
Dimensions (H x W x D)	500 x 390 x 350 mm	500 x 550 x 350 mm	900 x 550 x 350 mm
Weight	14 kg	20 kg	23 kg

• ACCESSORIES FOR ORU ON THE PAGE 53

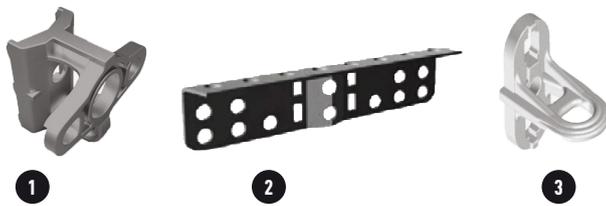
Aerial Systems Fiberlign®

NEW

The Aerial Systems Fiberlign® provide very simple and fast installation. The suspension is hooked into the bracket or the cross-arm and wrapped around the cable. It brings the possibility of using one continuous suspension instead of two dead-ends in cases where the pole only needs to be passed. Wrapping the suspension around the cable ensures even pressure on the cable around the entire circumference, the cable is not subjected to point stress and does not suffer from changes in climate conditions.

Brackets

- High strength aluminum alloy

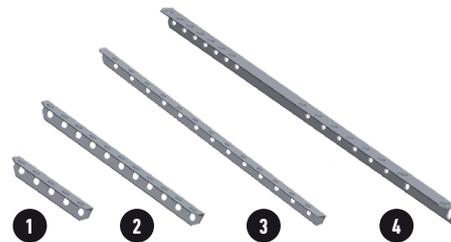


Ordering Codes		Position
UPH	Universal Pole Bracket	1
SMT18	18-hole Cross-arm (SMT18)	2
CA1500	Anchoring Bracket	3

- For other variants, please, contact our sales department.

Cross-arms

- For wooden, steel or concrete poles
- For dead-ends and continuous suspensions



Ordering Codes		Position
TV507	5-hole Cross-arm 5/07	1
TV514	11-hole Cross-arm 5/14	2
TV515	13-hole Cross-arm 5/15	3
TV519	15-hole Cross-arm 5/19	4

- For other variants, please, contact our sales department.

Dead-ends

- Easy, intuitive and secure fixing
- Tool-free assembly and disassembly
- Stable parameters (no anti slip)
- Tested according to IEC 60794-1



Ordering Codes	
A0001P	Dead-end ADSS 4.2–4.5 mm
A0002	Dead-end ADSS 4.8–6.2 mm
A0003	Dead-end ADSS 6.2–7.8 mm
A0004	Dead-end ADSS 7.8–9.5 mm
A0005	Dead-end ADSS 9.5–10.7 mm
A0006	Dead-end ADSS 10.7–12.8 mm
A0007	Dead-end ADSS 12.8–15.0 mm

- For other variants, please, contact our sales department.

Continuous Suspensions

- Efficient drop cable solution, replaces two dead-ends
- Easy, intuitive and secure fixing
- Tool-free assembly and disassembly
- Stable parameters (no anti slip)
- Tested according to IEC 60794-1



Ordering Codes	
S1000	Continuous Suspension ADSS 4.2–4.5 mm
S1001E	Continuous Suspension ADSS 4.8–6.2 mm
S1002E	Continuous Suspension ADSS 6.2–7.8 mm
S1003E	Continuous Suspension ADSS 7.8–9.5 mm
S1004E	Continuous Suspension ADSS 9.5–10.7 mm
S1005E	Continuous Suspension ADSS 10.7–12.8 mm
S1006E	Continuous Suspension ADSS 12.8–15.0 mm

- For other variants, please, contact our sales department.

OUP 72S 6× KM3

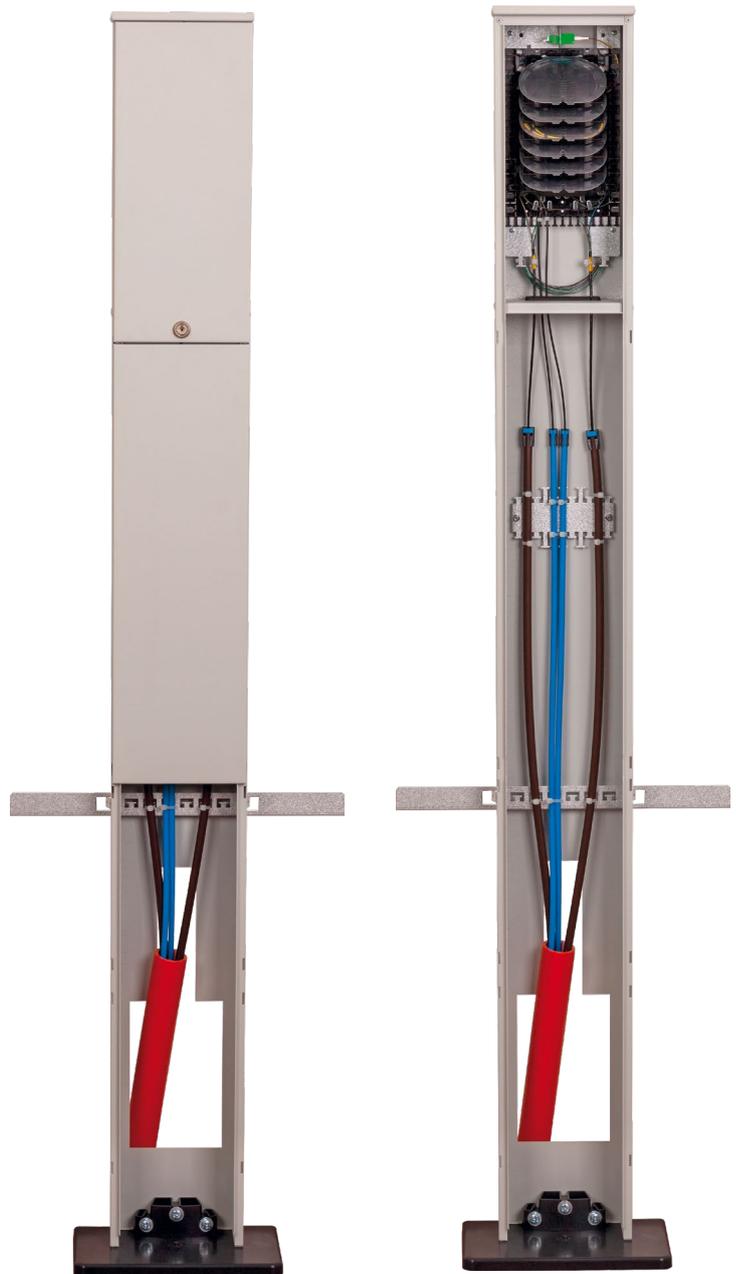
NEW **GPON READY**

The Fiber Distribution Hub OUP 72S 6× KM3 is designed to store up to 72 splices outdoors. The pillar is intended to be installed in an open space within a trench. It is supplied with splice trays. This solution is highly recommended for spliced GPON networks as a customer termination point or a smaller distribution point.

- Capacity of up to 72 splices
- Capacity of up to 4× SC / 8× LC connector
- 6× Fiber Optic Tray KM 3 for up to 12 splices
- Trays included in the hub
- Optional placing of PLC Splitters outside a tray (small format)
- Secured by key lock
- Fiber management and hinged splice trays
- Microduct holder in the base
- Installation directly into the trench
- Compact dimensions
- Option to embed into a wall
- Support for midspan (loop-through) cable
- Support for 9 drop cables
- Suitable for all types of networks



OUP 72S 6× KM3 with Tilted Trays



Technical Specifications	
Inputs / Outputs (quantity × range)	2× 3–9 mm, 9× 1.8–5 mm
Grommets (type and number of used grommets)	1 × express port I.
Ingress Protection	IP54
Impact Protection	IK10
Material	painted steel sheet (aluzinc)
Color	light gray RAL 7035
Dimensions (H × W × D)	1,474 × 87 × 159 mm
Weight	10 kg

Ordering Codes	
85GP.40/000XF	OUP 72S 6× KM3

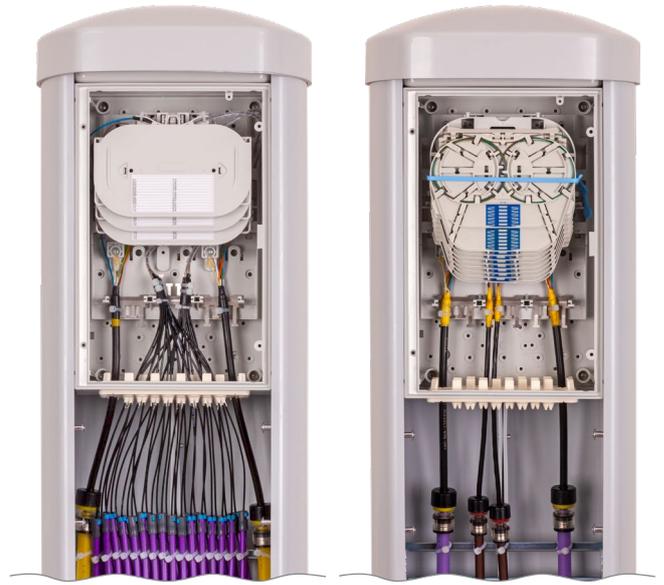
• For other variants, please, contact our sales department.

MDP S 96S 24/48, MDP S 96S SFMS

GPON READY
5G READY
FiberRoad
SFMS

The Fiber Distribution Hubs MDP S 96S 24/48 and MDP S 96S SFMS are designed to store up to 96 splices and to terminate up to 24 fibers with SC connectors or 48 fibers with LC connectors using the FiberRoad™ System. The hubs can be used as a smaller distribution point for all types of networks.

- Capacity of up to 96 splices
- Capacity of up to 24× SC / 48× LC connector (for MDP S 96S 24/48)
- 4× Fiber Optic Tray KM 6 for up to 24 splices (for MDP S 96S 24/48)
- 8× Fiber Optic Tray SFMS SC Long for up to 12 splices (for MDP S 96S SFMS)
- Trays included in the hub
- Optional placing of PLC Splitters (outside a tray)
- FiberRoad™ System compatible (for MDP S 96S 24/48)
- Fiber organizer with optional PLC Splitters (for MDP S 96S SFMS)
- Support for ribbon fibers (for MDP S 96S 24/48)
- Secured by key lock
- Integrated microduct holder in the base
- Installation directly into the trench using the underground base
- Compact dimensions
- Support for midspan (loop-through) cable
- Suitable for all types of networks



MDP S 96S 24/48

MDP S 96S SFMS



MDP S 96S 24/48
(management and fixing of microducts)

Technical Specifications	
Inputs / Outputs (quantity × range)	32× 1–5 mm, 4× 3–13 mm
Grommets (type and number of used grommets)	2× express port II.
Ingress Protection	IP54
Impact Protection	IK10
Material	PVC, PC / ABS
Color	light gray RAL 7035
Dimensions (H × W × D)	1,816 × 276 × 209 mm
Weight	11 kg

Ordering Codes	
859F.00/0004F	MDP S 96S 24/48
859F.00/0001F	MDP S 96S SFMS

- For other variants, please, contact our sales department.

MDP S 96S 48/96

GPON READY 5G READY FibeRoad

The Fiber Distribution Hub MDP S 96S 48/96 is designed to store up to 96 splices and to terminate up to 48 fibers with SC connectors or 96 fibers with LC connectors. The capacity can be expanded to 72 SC connectors by replacing the adapter panel. The hub offers space for up to 3 splitters ABS. The hub can be used as a smaller distribution point for all types of networks.

- Capacity of up to 96 splices
- Capacity of up to 72× SC / 96× LC connector
- 4× Fiber Optic Tray KM 6 for up to 24 splices
- Trays included in the hub
- Optional placing of PLC Splitters (outside a tray)
- Up to 3 PLC Splitters ABS (at the top)
- Optional placing of the Adapter Panel for 72 SC adapters
- FibeRoad™ System compatible (in the splicing section)
- Separate section for connecting customers
- Support for ribbon fibers
- Secured by key lock
- Integrated microduct holder in the base
- Installation directly into the trench using the underground base
- Compact dimensions
- Support for midspan (loop-through) cable
- Suitable for all types of networks



Adapter Panel 72 SC

Technical Specifications	
Inputs / Outputs (quantity × range)	32 × 1–5 mm, 4 × 3–13 mm
Grommets (type and number of used grommets)	2 × express port II.
Ingress Protection	IP54
Impact Protection	IK10
Material	PVC, PC / ABS
Color	light gray RAL 7035
Dimensions (H × W × D)	1,816 × 276 × 209 mm
Weight	11 kg

Ordering Codes	
859F.00/0005F	MDP S 96S 48/96
859F.68/000X	Adapter Panel 72 SC

• For other variants, please, contact our sales department.

MDP OZ 144S, MDP OZ 288S, MDP OZ 432S

GPON READY
5G READY
FiberRoad

The Fiber Distribution Hubs MDP OZ 144S, MDP OZ 288S and MDP OZ 432S are designed for the placement of 144/288/432 optical splices outdoors. The pillars are to be installed in an open space in trench. They are supplied without the splice trays. The pillars are recommended for spliced GPON networks.

- Compact solution (footprint 264 × 245 mm)
- Modular pillar height based on the maximum capacity
- Three-point lock door
- Duct holder in the basement
- Cable rings for placing cable reserves
- Hingeable/detachable splicing plate
- FiberRoad™ System
- Possibility of adding trays as your network grows
- Possibility of placing PLC splitters in the management (outside the trays)
- Suitable for spliced GPON networks
- Tray KM 4 and KM 6 for 24 splices
- Tray KM 9 for 12 splices
- Optional ribbon splice holders
- Possibility of loop cable



FiberRoad™ System



MDP OZ 144S



MDP OZ 288S



MDP OZ 432S

Technical Specifications	
Inputs / Outputs (quantity × range)	32× 1–5 mm, 4× 3–13 mm
Grommets (type and number of used grommets)	2× express port II.
Ingress Protection	IP54
Impact Protection	IK10
Material	polyester / glass fibre
Color	light gray RAL 7035
Dimensions (H × W × D)	1,300 / 1,500 / 1,700 × 245 × 264 mm
Weight	14 / 17 / 20 kg

Ordering Codes	
85GB.00/0000F	MDP OZ 144S
85GB.20/0000F	MDP OZ 288S
85GB.40/0000F	MDP OZ 432S
495630	Cable base (extension leg pillar)
85C3.79/000X	KM 4 Kit for Heat Shrinkable Protection
85C3.82/000X	KM 4 Kit for Crimp Protection
85C3.81/000X	KM 4 Kit for Ribbon Protection
85C3.83/000X	KM 6 Kit for Heat Shrinkable Protection
85C3.85/000X	KM 6 Kit for Crimp Protection
85C3.84/000X	KM 6 Kit for Ribbon Protection
On request	MDP OZ 144S KM 9
On request	MDP OZ 288S KM 9
On request	MDP OZ 432S KM 9
85AV.52/000X	KM 9 SC

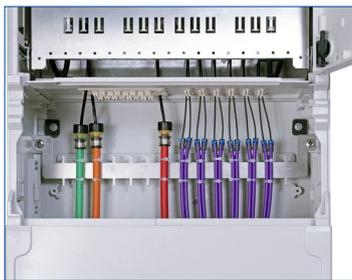
• For other variants, please, contact our sales department.

MDP OZ 576S, MDP OZ 864S

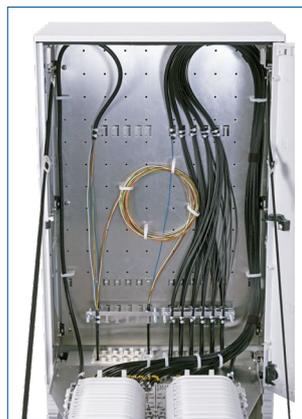
NEW **GPON READY** **5G READY** **FibeRoad**

The Fiber Distribution Hubs MDP OZ 576S and MDP OZ 864S are designed to store up to 576/864 splices outdoors. The pillars are intended to be installed in an open space within a trench. These pillars are supplied without splice trays. This solution is highly recommended for spliced GPON networks.

- Capacity of up to 576/864 splices
- 48x/72x Fiber Optic Tray KM 9 for up to 12 splices
- Trays are not included in the hub
- Optional placing of PLC Splitters (outside a tray)
- FibeRoad™ System compatible
- Secured by key lock
- Cable rings for placing cable reserves
- Hingeable/removable splicing section
- Ability to gradually add trays as required
- Integrated microduct holder in the base
- Installation directly into the trench using the underground base
- Compact dimensions
- Support for midspan (loop-through) cable
- Suitable for all types of networks



MDP OZ 576S



MDP OZ 864S

Technical Specifications	MDP OZ 576S	MDP OZ 864S
Inputs / Outputs (quantity x range)	32x 1-5 mm, 54x 1.8-5 mm, 12x 3-9 mm, 4x 3-13 mm	32x 1-5 mm, 54x 1.8-5 mm, 12x 3-9 mm, 4x 3-13 mm
Grommets (type and number of used grommets)	2x express port II., 6x express port I.	2x express port II., 6x express port I.
Ingress Protection	IP54	IP54
Impact Protection	IK10	IK10
Material	polyester / glass fibre	polyester / glass fibre
Color	light gray RAL 7035	light gray RAL 7035
Dimensions (H x W x D)	1,500 x 276 x 530 mm	1,700 x 276 x 530 mm
Weight	25 kg	30 kg

Ordering Codes	
85GB.60/0000F	MDP OZ 576S
85GB.80/0000F	MDP OZ 864S
85AV.52/000X	KM 9 SC

• For other variants, please, contact our sales department.

MDP OZ 24/48, MDP OZ 48/96, MDP OZ 72/144

GPON READY
5G READY
FibeRoad

The Fiber Distribution Hubs MDP OZ 24/48, MDP OZ 48/96 and MDP OZ 72/144 are designed for the placement of 24/48/72 SC connectors or 48/96/144 LC connectors outdoors (for trays KM 5). The pillars are to be installed in an open space in trench. They are supplied without the splice trays. The pillars are recommended for spliced GPON networks.

- Capacity of up to 72/168/264 splices (for KM 4, KM 6)
- Capacity of up to 24/48/72× SC or 48/96/144× LC connector (for KM 5)
- Capacity of up to 24/56/96× SC or 48/112/192× LC connector (for KM 7)
- Compact solution (footprint 264 × 245 mm)
- Modular pillar height based on the maximum capacity
- Three-point lock door
- Duct holder in the basement
- Cable rings for placing cable reserves
- Hingeable/detachable splicing/patching plate
- FibeRoad™ System
- Possibility of adding trays as your network grows
- Possibility of placing PLC splitters in the management (outside the trays)
- Possibility to combine trays KM 4, KM 5, KM 6, KM 7
- KM 4 and KM 6 for up to 24 splices
- KM 5 for up to 12× SC / 24× LC connector
- KM 7 for up to 8× SC / 16× LC connector (for GPON)
- Optional ribbon splice holders
- Possibility of loop cable
- Max. 4 pcs PLC Splitters ABS



MDP OZ 72/144



MDP OZ 72/144

Ordering Codes	
85GB.10/0000F	MDP OZ 24/48
85GB.30/0000F	MDP OZ 48/96
85GB.50/0000F	MDP OZ 72/144
495630	Cable base (extension leg pillar)
85C3.79/000X	KM 4 Kit for Heat Shrinkable Protection
85C3.82/000X	KM 4 Kit for Crimp Protection
85C3.81/000X	KM 4 Kit for Ribbon Protection
85AV.94/0000F	KM 5 Kit for Heat Shrinkable Protection
85AV.94/00K2F	KM 5 Kit for Crimp Protection
85AV.94/00R3F	KM 5 Kit for Ribbon Protection
85C3.83/000X	KM 6 Kit for Heat Shrinkable Protection
85C3.85/000X	KM 6 Kit for Crimp Protection
85C3.84/000X	KM 6 Kit for Ribbon Protection
85C3.86/000X	KM 7 Kit for Heat Shrinkable Protection
85C3.88/000X	KM 7 Kit for Crimp Protection
85C3.87/000X	KM 7 Kit for Ribbon Protection

• For other variants, please, contact our sales department.

Technical Specifications	
Inputs / Outputs (quantity × range)	32× 1–5 mm, 4× 3–13 mm
Grommets (type and number of used grommets)	2× express port II.
Ingress Protection	IP54
Impact Protection	IK10
Material	polyester / glass fibre
Color	light gray RAL 7035
Dimensions (H × W × D)	1,300 / 1,500 / 1,700 × 245 × 264 mm
Weight	14 / 17 / 20 kg

MDP OZ 144/288, MDP OZ 288/576

NEW **GPON READY** **5G READY** **FiberRoad**

The Fiber Distribution Hubs MDP OZ 144/288 and MDP OZ 288/576 are designed to store up to 576/1,152 splices and to terminate up to 144/288 fibers with SC connectors or 288/576 fibers with LC connectors using the FiberRoad™ System (for the Fiber Optic Tray KM 5). It is a modular solution without cable splitters and without drawing into protective tubes. The MDP OZ can be used as a distribution point for all types of networks.

- Capacity of up to 576/1,152 splices (for KM 4 and KM 6)
- Capacity of up to 144x/288x SC or 288x/576x LC connector (for KM 5)
- Capacity of up to 192x/384x SC or 384x/768x LC connector (for KM 7)
- Ability to mix & match the Fiber Optic Trays KM 4, KM 5, KM 6, KM 7
- KM 4 and KM 6 for up to 24 splices
- KM 5 for up to 12x SC / 24x LC connector
- KM 7 for up to 8x SC / 16x LC connector (for GPON)
- Ability to gradually add trays as required
- Ability to remove the subrack and splice outside the hub
- Modular solution without cable splitter functionality
- Optional placing of PLC Splitters (outside a tray)
- Up to 8 PLC Splitters ABS (length 2 m)
- FiberRoad™ System compatible
- Suitable for ribbon fibers
- Three-point lock
- Integrated microduct holder adjacent to the splicing section of the hub
- Support for installation directly into the trench using the underground base
- Integrated holder for unused buffers
- Integrated holder for cables reserves
- Support for midspan (loop-through) cable
- Suitable for all types of networks



MDP OZ 144/288



MDP OZ 288/576

Ordering Codes	
855F.00/001XF	MDP OZ 144/288
855F.30/001XF	MDP OZ 288/576
85C3.79/000X	KM 4 Kit for Heat Shrinkable Protection
85C3.82/000X	KM 4 Kit for Crimp Protection
85C3.81/000X	KM 4 Kit for Ribbon Protection
85AV.94/0000F	KM 5 Kit for Heat Shrinkable Protection
85AV.94/00K2F	KM 5 Kit for Crimp Protection
85AV.94/00R3F	KM 5 Kit for Ribbon Protection
85C3.83/000X	KM 6 Kit for Heat Shrinkable Protection
85C3.85/000X	KM 6 Kit for Crimp Protection
85C3.84/000X	KM 6 Kit for Ribbon Protection
85C3.86/000X	KM 7 Kit for Heat Shrinkable Protection
85C3.88/000X	KM 7 Kit for Crimp Protection
85C3.87/000X	KM 7 Kit for Ribbon Protection

• For other variants, please, contact our sales department.

Technical Specifications	MDP OZ 144/288	MDP OZ 288/576
Inputs / Outputs (quantity × range)	48× MT 7–10 mm, 4× 10–14 mm, 2× 4–22 mm	96× MT 7–10 mm, 6× 10–14 mm, 2× 4–22 mm
Grommets (type and number of used grommets)	1× microporous grommet for MT, 4× PG16, 1× oval grommet for undivided cable	1× microporous grommet for MT, 6× PG16, 1× oval grommet for undivided cable
Ingress Protection	IP54	IP54
Impact Protection	IK10	IK10
Material	polyester / glass fibre	polyester / glass fibre
Color	light gray RAL 7035	light gray RAL 7035
Dimensions (H × W × D)	1,980 × 529 × 342 mm	1,980 × 795 × 342 mm
Weight	27 kg	32 kg

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ORU 1 SDF SIS

GPON READY
5G READY
SAFeTNET

The Fiber Distribution Hub ORU 1 SDF SIS is designed as a splitter concentrator pillar distributor with hinged rack for assembly up to 4 splice modules SE for terminating or connecting of optical cables in micro-ducts or HDPE protecting pipes. Its construction enables using outdoors as well. It is installed in an open space in trench.

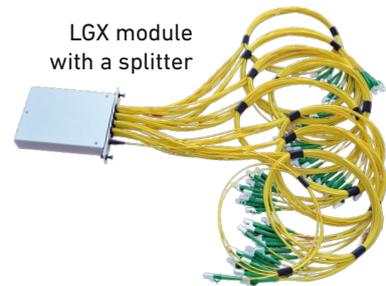
- Maximum capacity 144 optical splices
- Maximum connected capacity 64 optical fibers
- Maximum number of splice modules SAFeTNET 4 pcs
- Maximum number of splitters 2 pcs
- Placement of optical fiber reserve, length 4 m
- Different sizes of the basement, heights 300, 500, 600, 700, 900 mm
- Removable roof
- Possibility of placing ABS splitter



Technical Specifications	
Inputs / Outputs (quantity x range)	3x 23-46 mm, 4x 9-24 mm
Grommets (type and number of used grommets)	3x rubber grommet ø 50 mm, 4x rubber grommet ø 30 mm
Ingress Protection	IP54
Impact Protection	IK10
UV Resistance	yes
Flammability Degree	V0
Material	glass reinforced polyester SMC
Color	light gray RAL 7035
Dimensions (H x W x D)	1,200 x 390 x 350 mm
Weight	44.5 kg

Ordering Codes	
8508.60/5000F	ORU 1 SDF SIS (with rubber grommets)

• For other variants, please, contact our sales department.



LGX module with a splitter



PLC ABS splitter shelf



Underground Base

MDP EL 144/288, MDP EL 288/576

NEW **GPON READY** **5G READY** **FiberRoad**

The Fiber Distribution Hubs MDP EL 144/288 and MDP EL 288/576 are designed to store up to 576/1,152 splices and to terminate up to 192/384 fibers with SC connectors or 384/768 fibers with LC connectors using the FiberRoad™ System. It is a modular solution without cable splitters and without drawing into protective tubes. The MDP EL can be used as a distribution point for all types of networks.

- Capacity of up to 576/1,152 splices (for KM 4 and KM 6)
- Capacity of up to 144x/288x SC or 288x/576x LC connector (for KM 5)
- Capacity of up to 192x/384x SC or 384x/768x LC connector (for KM 7)
- Ability to mix & match the Fiber Optic Trays KM 4, KM 5, KM 6, KM 7
- KM 4 and KM 6 for up to 24 splices
- KM 5 for up to 12x SC / 24x LC connector
- KM 7 for up to 8x SC / 16x LC connector (for GPON)
- Ability to gradually add trays as required
- Modular solution without cable splitter functionality
- Optional placing of PLC Splitters (outside a tray)
- Up to 6/12 PLC Splitters ABS (length 2 m)
- FiberRoad™ System compatible
- Suitable for ribbon fibers
- Three-point lock
- Integrated microduct holder in the base
- Support for installation directly into the trench using the underground base
- Integrated holder for unused buffers
- Support for midspan (loop-through) cable
- Suitable for all types of networks



MDP EL 144/288



MDP EL 288/576



Holder of Thick-Walled Microducts



Underground Base

Technical Specifications	MDP EL 144/288	MDP EL 288/576
Inputs / Outputs (quantity x range)	2x 4–22 mm, 8x 3–9 mm, 36x 1.8–5 mm	2x 4–22 mm, 8x 3–13 mm, 64x 1.8–5 mm or 32x 11–12 mm
Grommets (type and number of used grommets)	1x oval grommet for undivided cable, 4x express port I.	1x oval grommet for undivided cable, 4x express port II.
Ingress Protection	IP54	IP54
Impact Protection	IK10	IK10
Material	glass reinforced polyester SMC	glass reinforced polyester SMC
Color	light gray RAL 7035	light gray RAL 7035
Dimensions (H x W x D)	1,600 x 390 x 350 mm	1,600 x 550 x 350 mm
Weight	30 kg	45 kg

Ordering Codes	
859Y.30/0000F	MDP EL 144/288
859Y.00/0000F	MDP EL 288/576
8507.52/0000F	Holder of Thick-Walled Microducts
85C3.79/000X	KM 4 Kit for Heat Shrinkable Protection
85C3.82/000X	KM 4 Kit for Crimp Protection
85C3.81/000X	KM 4 Kit for Ribbon Protection
85AV.94/0000F	KM 5 Kit for Heat Shrinkable Protection
85AV.94/00K2F	KM 5 Kit for Crimp Protection
85AV.94/00R3F	KM 5 Kit for Ribbon Protection
85C3.83/000X	KM 6 Kit for Heat Shrinkable Protection
85C3.85/000X	KM 6 Kit for Crimp Protection
85C3.84/000X	KM 6 Kit for Ribbon Protection
85C3.86/000X	KM 7 Kit for Heat Shrinkable Protection
85C3.88/000X	KM 7 Kit for Crimp Protection
85C3.87/000X	KM 7 Kit for Ribbon Protection

• For other variants, please, contact our sales department.

MDP EL 432/864, MDP EL 576/1152

NEW **GPON READY** **5G READY** **FibeRoad**

The Fiber Distribution Hubs MDP EL 432/864 and MDP EL 576/1152 are designed to store up to 1,728/2,304 splices and to terminate up to 576/768 fibers with SC connectors or 1,152/1,536 fibers with LC connectors using the FibeRoad™ System. It is a modular solution without cable splitters and without drawing into protective tubes. The MDP EL can be used as a distribution point for all types of networks.

- Capacity of up to 1,728/2,304 splices (for KM 4 and KM 6)
- Capacity of up to 432×/576× SC or 864×/1,152× LC connector (for KM 5)
- Capacity of up to 576×/768× SC or 1,152×/1,536× LC connector (for KM 7)
- Ability to mix & match the Fiber Optic Trays KM 4, KM 5, KM 6, KM 7
- KM 4 and KM 6 for up to 24 splices
- KM 5 for up to 12× SC / 24× LC connector
- KM 7 for up to 8× SC / 16× LC connector (for GPON)
- Ability to gradually add trays as required
- Modular solution without cable splitter functionality
- Optional placing of PLC Splitters (outside a tray)
- Up to 18/24 PLC Splitters ABS (length 3 m)
- FibeRoad™ System compatible
- Suitable for ribbon fibers
- Three-point lock
- Integrated microduct holder in the base
- Support for installation directly into the trench using the underground base
- Integrated holder for unused buffers
- Support for midspan (loop-through) cable
- Suitable for all types of networks



MDP EL 432/864



MDP EL 576/1152

Technical Specifications	MDP EL 432/864	MDP EL 576/1152
Inputs / Outputs (quantity × range)	2× 4–22 mm, 12× 3–13 mm, 96× 1.8–5 mm or 48× 11–12 mm	4× 4–22 mm, 16× 3–13 mm, 128× 1.8–5 mm or 64× 11–12 mm
Grommets (type and number of used grommets)	1× oval grommet for undivided cable, 6× express port II.	2× oval grommet for undivided cable, 8× express port II.
Ingress Protection	IP54	IP54
Impact Protection	IK10	IK10
Material	glass reinforced polyester SMC	glass reinforced polyester SMC
Color	light gray RAL 7035	light gray RAL 7035
Dimensions (H × W × D)	1,600 × 900 × 350 mm	1,600 × 1,200 × 350 mm
Weight	75 kg	90 kg

Ordering Codes	
859Y.45/0000F	MDP EL 432/864
859Y.40/0000F	MDP EL 576/1152
8507.52/0000F	Holder of Thick-Walled Microducts
85C3.79/000X	KM 4 Kit for Heat Shrinkable Protection
85C3.82/000X	KM 4 Kit for Crimp Protection
85C3.81/000X	KM 4 Kit for Ribbon Protection
85AV.94/0000F	KM 5 Kit for Heat Shrinkable Protection
85AV.94/00K2F	KM 5 Kit for Crimp Protection
85AV.94/00R3F	KM 5 Kit for Ribbon Protection
85C3.83/000X	KM 6 Kit for Heat Shrinkable Protection
85C3.85/000X	KM 6 Kit for Crimp Protection
85C3.84/000X	KM 6 Kit for Ribbon Protection
85C3.86/000X	KM 7 Kit for Heat Shrinkable Protection
85C3.88/000X	KM 7 Kit for Crimp Protection
85C3.87/000X	KM 7 Kit for Ribbon Protection

• For other variants, please, contact our sales department.

ORU 1 SIS, ORU 2 SIS, ORU 3 SIS

GPON READY
5G READY
SAFeTNET

The Fiber Distribution Hubs ORU 1 SIS, ORU 2 SIS and ORU 3 SIS are designed as a multi-purposed distributor with hinged rack for assembly up to 4, 16, 24 splice modules SAFeTNET for terminating or connecting of optical cables in micro-ducts or HDPE protecting pipes. Their construction enables using outdoors. The pillars are installed in an open space in trench.

- Maximum capacity 144, 576, 864 optical splices
- Maximum number of splice modules SAFeTNET 4, 16, 24 pcs
- Placement of optical fiber reserve, length 2.15 m, 3 m, 4 m
- Possibility of connector panel installation for measurement
- Possibility of oval grommet installation for undivided cable (so-called „OMEGA“)
- Different sizes of the basement, heights 300, 500, 600, 700, 900 mm
- Removable roof



ORU 3 SIS



ORU 1 SIS



ORU 2 SIS

Underground Base



ORU 2 SIS



ORU 3 SIS

Ordering Codes	
8507.00/000SF	ORU 1 SIS
8508.00/000SF	ORU 2 SIS
8509.00/000SF	ORU 3 SIS

• For other variants, please, contact our sales department.

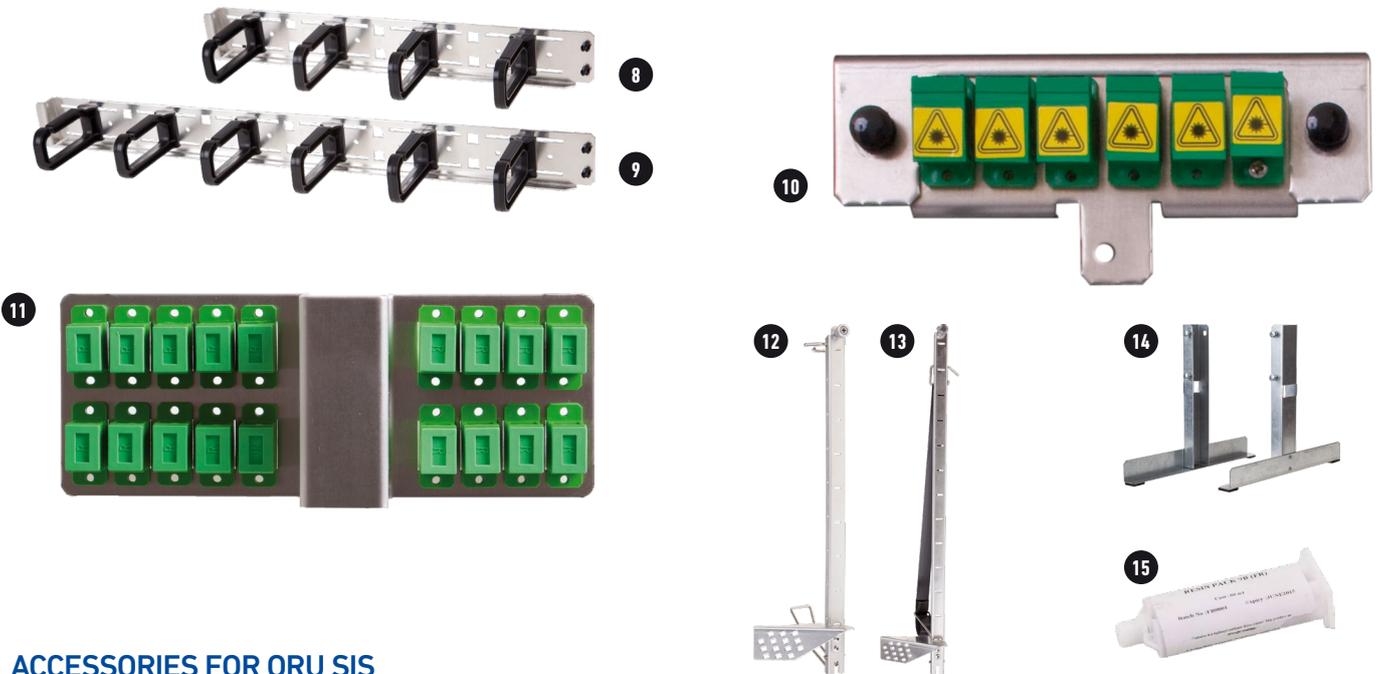
Technical Specifications	ORU 1 SIS	ORU 2 SIS	ORU 3 SIS
Inputs / Outputs (quantity × range)	3× 23–46 mm, 4× 9–24 mm	5× 23–46 mm, 3× 9–24 mm, 1× 15–19 mm / 21–25 mm, 3× 8–12 mm	12× 23–46 mm
Grommets (type and number of used grommets)	3× rubber grommet ø 50 mm, 4× rubber grommet ø 30 mm	5× rubber grommet ø 50 mm, 3× rubber grommet ø 30 mm, 1× PG29, 3× PG13.5	12× rubber grommet ø 50 mm
Ingress Protection	IP54	IP54	IP54
Impact Protection	IK10	IK10	IK10
UV Resistance	yes	yes	yes
Flammability Degree	V0	V0	V0
Material	glass reinforced polyester SMC	glass reinforced polyester SMC	glass reinforced polyester SMC
Color	light gray RAL 7035	light gray RAL 7035	light gray RAL 7035
Dimensions (H × W × D)	1,200 × 390 × 350 mm	1,200 × 550 × 350 mm	1,600 × 550 × 350 mm
Weight	39 kg	45 kg	53 kg

ACCESSORIES FOR ORU, ORU SIS



Ordering Codes		Position
8506.34/0000F	Microtubes holder 24× 3 mm + 3× 5 mm	1
8506.35/0000F	Microtubes holder 36× 3 mm + 3× 10 mm	
8506.31/0000F	Microtubes holder 24× 5 mm + 3× 10 mm	
8506.32/0000F	Microtubes holder 10× 7 mm	
8506.33/0000F	Microtubes holder 9× 10 mm	
8506.14/0000F	Holder of tension element – 3 pcs	2
8507.52/0000F	Holder of thick-walled microducts	3
8299.12/0100	Fastening belt holder	4
8555.15//0000F	Grommet ø 50 mm, 7× 10 mm	5
8555.12/0000F	Grommet ø 50 mm, 7× 12 mm	6
8555.16/0000F	Grommet ø 50 mm, 7× 14 mm	7
8506.41/0000F	Rings holder + rings for ORU 2	8
8506.46/0000F	Rings holder + rings for ORU 3	9
8507.42/0000F	Measuring panel 6× SC ORU	10
8508.31/0000F	Panel ORU 18× SC	11
490360	Strap SCOTCHFLEX 20 mm × 10 mm	-
8506.42/0000F	Tightening strap – 15 pcs	-
8506.38/0000F	Tightening strap – 100 pcs	-
8506.39/0000F	Holder of splice tray modules for ORU 2	12
8506.47/0000F	Holder of splice tray modules for ORU 3	13
8508.38/0100F	Assembly stand for ORU	14
493066	Resin pack 50 ml	15
497036	Extruder gun for resin pack	16
493615UP	Putty COMPOUND 16A, 500 g	17
490985	Cable holders 8–12 mm	18
490986	Cable holders 12–16 mm	-
087500	Cable holders 16–22 mm	-
103300	Cable holders 22–28 mm	-
087600	Cable holders 28–34 mm	-
073300	Cable holders 34–40 mm	-
490993	Cable holders 28–34 mm	19
490994	Cable holders 34–40 mm	-

• For other variants, please, contact our sales department.



ACCESSORIES FOR ORU SIS



MUC 160, MUC 250

GPON READY 5G READY

The Underground Chambers MUC 160 and MUC 250 offer a cost effective solution for connecting fibers in FTTx networks. The chambers are installed exclusively on the customer's land and are used for the installation and protection of spares and the subsequent connection of fibers. The chambers are designed for micro duct systems.

- Easy installation
- Load-free chamber for use on the customer's land (MUC 160)
- Without lock / Screw lock
- The ORM 3 distribution box is fixed to a stainless steel holder under the lid
- Capacity of 12/24 optical splices
- Integrated fibre management
- Possibility of the installation 1:4 or 1:8 PLC splitter
- Used for fibres G.657 a,b
- PG 7 grommets 3× ø 2.5–6.5 mm
- Optional 6× PG grommet (MUC 250)
- Maximum capacity of 9/18 cables ø 1.6–2.6 mm



MUC 160



MUC 250

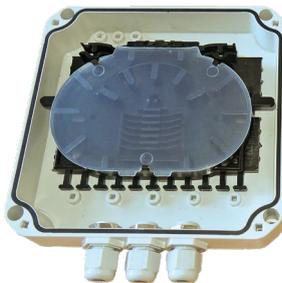
YouTube



MUC 160



MUC 250



ORM 3 SL 12S



ORM 3 SH 24 S

Technical Specifications	MUC 160	MUC 250
Inputs / Outputs (quantity × range)	3× 3–6.5 mm	3× 3–6.5 mm
Grommets (type and number of used grommets)	3× PG7	3× PG7
Ingress Protection	IP67	IP67
Material	PP / PC	HDPE
Color	black RAL 9005	green RAL 6002
Dimensions (H × W × D)	ø 160 × 235 mm	ø 250 × 265 mm
Weight	1 kg	2.5 kg

Ordering Codes MUC 160	
85BD.10/0000F	MUC 160 SL 12S PG
494117	Sealing insert for PG7 3×ø 1.6 – 2.6 mm

• For other variants, please, contact our sales department.

Ordering Codes MUC 250	
85BE.16/0000F	MUC 250 SH 24S PG
85BV.25/0000F	PG 7
494117	Sealing insert for PG7 3×ø 1.6 – 2.6 mm
85BV.25/0MVLf	PG 7 (3× 1.6–2.6 mm)

• For other variants, please, contact our sales department.

STANDARD

NEW

The Underground Chamber STANDARD is designed to protect critical underground optical components (most commonly fiber optic closures). It defines a working space to allow convenient access to the components and to carry out servicing. The chamber lid is fitted with a protective locking screw. Chamber inputs should be made exclusively using a hole saw. Never damage the lower flange of the chamber – this risks loss of torsional stiffness and the wall being pushed inward due to ground pressure. The chamber is not intended for traffic by heavier equipment.

- Covered side inputs
- Number of inputs: 4
- Lid opening: by tilting up
- Method of securing the lid against opening: locking screw



Technical Specifications	
Material	polypropylene
Color	green (lid) black (chamber)
Dimensions (H x W x D)	395 x 270 x 300 mm
Weight	3.3 kg

Ordering Codes	
493862	STANDARD
854G.L1/000XF	Plastic Base

• For other variants, please, contact our sales department.

SUPER JUMBO

NEW

The Underground Chamber SUPER JUMBO is designed to protect critical underground optical components (most commonly fiber optic closures). It defines a working space to allow convenient access to the components and to carry out servicing. The chamber lid includes a handle for easy opening, with an option to secure it with a screw as protection against vandalism.

- Lid opening: by tilting up
- Method of securing the lid against opening: locking screw option



Technical Specifications	
Material	polypropylene
Color	green (lid) black (chamber)
Dimensions (H x W x D)	415 x 590 x 810 mm
Weight	10 kg

Ordering Codes	
497354	SUPER JUMBO

• For other variants, please, contact our sales department.

LARGE

NEW

The Underground Chamber LARGE is designed to protect critical underground optical components (most commonly fiber optic closures). It defines a working space to allow convenient access to the components and to carry out servicing. The chamber lid includes a handle for easy opening, with an option to secure it with a screw as protection against vandalism.

- Non-load-bearing chamber for use on customer premises
- Lid opening: by tilting up
- Method of securing the lid against opening: locking screw option

Technical Specifications	
Material	polypropylene
Color	green (lid) black (chamber)
Dimensions (H x ø)	260 x 255 mm
Weight	0.888 kg

Ordering Codes	
497084	LARGE

- For other variants, please, contact our sales department.



SGLB 1730

NEW

The Underground Chamber SGLB 1730 is a robust and reliable bottomless chamber with a lid, designed for both flush and below-grade installations. It offers high mechanical and chemical resistance while maintaining low weight and easy handling without the need for special tools. Thanks to its spacious internal layout, it allows installation of multiple fiber optic closures, including cable slack. A high level of passive protection ensures safe, long-term operation even in demanding conditions.

- Space for multiple fiber optic closures, including cable slack
- Load capacity: 1.35 t
- Lid opening: by tilting up
- Method of securing the lid against opening: locking screw option



Technical Specifications	
Material	HDPE
Color	green (lid) black (chamber)
Dimensions (H x W x D)	610 x 845 x 572 mm
Weight	20 kg

Ordering Codes	
711326	SGLB 1730

- For other variants, please, contact our sales department.

Slack Cable Storage

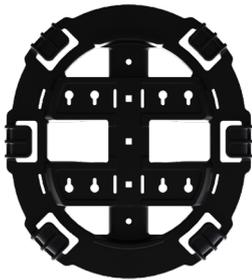
The Slack Cable Storage is used to store cable reserves on poles/walls and in chambers. An integrated box holder is included. It provides the ability to enlarge diameter to accommodate bigger cable slack.

- Capacity of up to 80 m of cable, \varnothing 5 mm
- Optional enlargement of diameter to 600 mm by using an extension set
- Capacity of up to 100 m of cable, \varnothing 5 mm on the inside of the extension
- Capacity of up to 25 m of ADSS cable, \varnothing 18 mm on the outside of the extension
- Mounting the box directly on the storage
- Captive screws for MDB XS, S and M
- Easy installation (steel strips or screws)
- Optional stackable mounting
- Lightweight and durable design
- UV resistant material

Slack Cable Storage –
an extension set 600 mm



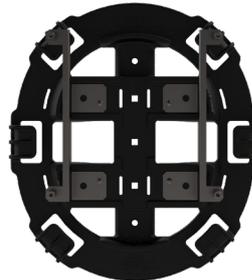
Slack Cable Storage
for MAB
(with an extension
to 600 mm
and MAB box)



Slack Cable Storage
for MDC, STP-JR, STP-MD



Slack Cable Storage
for MDB XS



Slack Cable Storage
for STP-L



Slack Cable Storage
for MDB S



Slack Cable Storage
for MAB



Slack Cable Storage
for STP-XL



Slack Cable Storage
for MDB M

Technical Specifications	
Material	HDPE
Color	black RAL 9005
Dimensions (H x W x D)	330 x 295 x 40 mm
Weight	2 kg

Ordering Codes	
854G.12/000XF	Slack Cable Storage for MDC, STP-JR, STP-MD
85TZ.29/000XF	Slack Cable Storage for MAB
85U8.15/000XF	Slack Cable Storage for MDB XS
85TG.24/000XF	Slack Cable Storage for MDB S
85C3.C3/000XF	Slack Cable Storage for MDB M
854G.D9/000X	Slack Cable Storage for STP-L
854G.11/000XF	Slack Cable Storage for STP-XL
K85100095	Slack Cable Storage – extension set 600 mm

- For other variants, please, contact our sales department.

COYOTE® DRC

NEW **GPON READY**

The Fiber Optic Closure COYOTE® DRC is a compact restoration closure designed for rapid repair of damaged or cut service drops in last-mile FTTH networks. Its small footprint enables installation in tight, congested or hard-to-access locations without compromising mechanical performance or environmental protection.

The rugged over-molded housing provides durable mechanical protection and a secure long-term seal. The snap-together design allows fast field assembly and simple re-entry, and keeps the closure watertight, even when permanently immersed in water (IP68).

The unique grommet system provides very simple and flexible installation of a wide range of cable types.

- Capacity of up to 12 splices
- Available in 2-port and 4-port configurations
- Integrated splicing section for fiber and slack storage
- Increased impact protection and water ingress resistance even when permanently immersed in water, with 1 m submersion capability (IP68)
- Grommet system for cables with diameters 2.4–14 mm
- Intuitive installation



Technical Specifications	
Inputs / Outputs (quantity × range)	2× or 4× 2.4–14 mm
Ingress Protection	IP68
Impact Protection	IK10
Material	PC
Color	black RAL 9005
Dimensions (H × W × D)	216 × 97 × 41 mm
Weight	0.3 kg

Ordering Codes	
F85000109	COYOTE® DRC 2port
F85000110	COYOTE® DRC 4port

• For other variants, please, contact our sales department.



COYOTE® DRC 2port

COYOTE® DRC 4port

Grommet Selection		
A		Solid 85100013
W		4.3–10.2 mm K85100112
Y		10.2–14.0 mm K85100113
I		2× 4.0–4.3 mm 50161864
M		2× 7.0 mm K85100141
J		4× 2.4–3.2 mm 50161865
K		4× 3.8 mm 85100046
L		2× Flat Drop Cable 8.0 × 4.0 mm 85100045

Splice Holder Selection		
A		Splice Holder, 12F, for heatshrink 80808005-OR
B		Splice Holder, 6F, for heatshrink 80808004
C		Splice Holder, 4× for ribbon 80812439
D		Splice Holder, 12F, for crimp 80808018

MDC

The Fiber Optic Closure MDC is a highly reliable, small scale, cost effective closure which provides a flexible alternative to traditional network interface devices. The closure has a robust latch system, paired with an integrated silicon gel grommet. This allows for effortless re-entry and creates a secure seal over a wide range of cable profiles. By manufacturing from high strength materials and subjecting to stringent thermocycle and ingress protection tests, the MDC is a built-to-last closure protecting fiber optic splices from water ingress. The closure can be installed on walls and poles or into chambers.

- Capacity of up to 48 splices
- Capacity of up to 4× SC / 8× LC connector
- PLC Splitter capability (small format 1:8)
- Aerial or underground application
- Increased impact protection and water ingress resistance
- Support for midspan (loop-through) cable
- Intuitive installation



Technical Specifications	
Inputs / Outputs (quantity × range)	12× 0–6 mm
Grommets (type and number of used grommets)	Integrated silicon gel grommet – 1 pc
Ingress Protection	IP65
Impact Protection	IK10
Material	PC
Color	black RAL 9005
Dimensions (H × W × D)	200 × 135 × 50 mm
Weight	0.45 kg

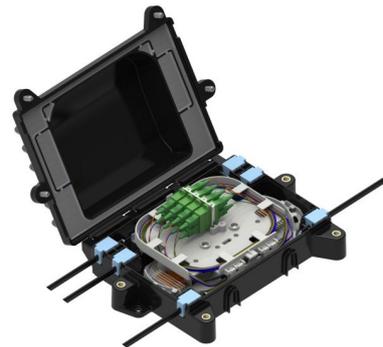
Ordering Codes	
ZMDC-48-4-0-0-0	MDC
854G.12/000XF	Slack Cable Storage for MDC, STP-JR, STP-MD

- For other variants, please, contact our sales department.

COYOTE® DTC4/DTC6

The COYOTE® DTC4 and DTC6 (Drop Termination Closure) offer a durable, compact solution with multiple internal fiber organizers to support your current and future needs. Network evolution is unpredictable so why not choose a closure system developed to adapt. The DTC4 can be used as a transition unit for interior duct applications. Both the COYOTE® DTC4 and DTC6 can equip an adapter bulkhead tray that hinges to allow access to the underlying fiber slack storage area.

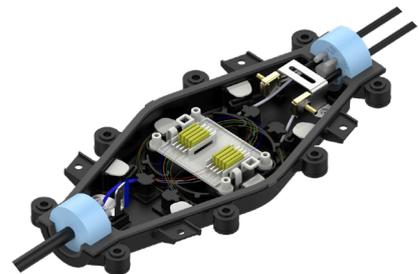
- Dimensions: 274 × 198 × 82 mm
- Max Splice Capacity: 24 Single Fusion
- Max Adapter Quantity: 4 Dual SC or 4 Quad LC
- Grommet Quantity: 4 or 6 (Multi-Hole Grommets Available)
- Grommet Cable Diameter Range:
Large Grommets = 3 – 15 mm
Small Grommets = 2.4 – 10.7 mm and Flat Drop
- Applications: Direct Bury, Below Grade, Pole/Wall Mount, Pedestal, Aerial, or Interior Applications
- Designed and tested in accordance to Telcordia® GR-771-CORE Buried, Underground, IP-68 Rated Requirements
- Constructed out of rugged UV-stabilized, flame-retardant material (UL94-5VA Rated)
- Hinged cover with integrated over-mold creates a secure seal and provides quick re-entry and re-use



COYOTE® LCC

The COYOTE® LCC (Low Count Closure) is a compact closure that utilizes the COYOTE® silicone grommet system and LITE-GRIP® splice platform, is designed making this rugged closure the ideal economical solution for new drop cable installations and critical repair situations.

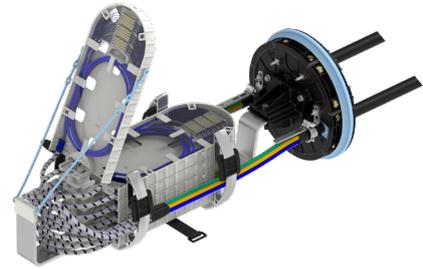
- Dimensions: 356 × 165 × 64 mm
- Max Splice Capacity: 24 Single Fusion
- Max Adapter Quantity: 2 Dual SC or 2 Quad LC
- Offers a cost-effective solution for quick restoration of damaged or cut fiber service drops
- Utilizes the LITE-GRIP splice block system which permits single fusion, mass fusion, mechanical, PLC splitters, or a combination of all within one closure
- Factory installed gasket allows for re-entry and re-use
- LCC halves are constructed of a UV-stabilized material
- Flexible grommet sealing technology supports a wide range of flat and round cable profiles
- Flat shape allows for mounting in small areas
- Flame-retardant and ribbon kits available
- Designed and tested in accordance to Telcordia® GR-771-CORE Buried, Underground, IP-68 Rated Requirements



COYOTE® HD DOME

The COYOTE® HD (High-Density) Dome Closure offers an alternative fiber organizer to support high-density splice applications within the same footprint as PLP's existing 9.5" x 28" COYOTE® Dome Closure. The new organizer architecture provides open access for fiber routing, reduces cable sheath openings, and simplifies assembly: all factors that save you time and money. When combined with PLP's patented segmented end plate design, the closure system offers the ultimate level of flexibility to address your complex network needs.

- Maximum Splice Capacity of 1,728 or 3,456 depending on cable construction
- 7-Port segmented end plate design provides independent access to each cable port without disrupting surrounding cables
- Two splice tray designs to support mass fusion splicing, single fusion, or a combination of both
- Modular tray design permits trays to hinge upward or be removed from the stack to allow multiple splicers to work simultaneously
- Designed and tested in accordance to Telcordia® GR-771-CORE Buried, Underground, IP-68 Rated Requirement



ROMIE

The ROMIE cabinets represent a smart solution for easing the access between the operator network and the internal network at the multi dwelling. They can be independently installed by different operators, starting from one secondary unit installed, part of the building, and a second unit, called primary, owned by one operator. Units can be coupled each other, so that several operators can be connected to the inner building network, while having visible their own structure. Cabinets have been designed to provide easy installation, to be craft-friendly and to have reduced visual impact.

- Dimensions: 323 x 72 x 150 mm / 323 x 105 x 150 mm
- Max Splice Capacity: 32 / 56 Single Fusion
- Max Adapter Quantity: 32 / 56 SC
- It is possible to install several units, depending on the typology
- Independent compartments
- Cable access by side, top or bottom
- 30mm bending radius guarantee
- Cabinets are supplied with kit of accessories to complete the installation
- RAL 1015 Color, other colors possible if required
- They can be customised with customer's logo at the door (maximum size 30 x 30 mm)



COYOTE® STP-JR

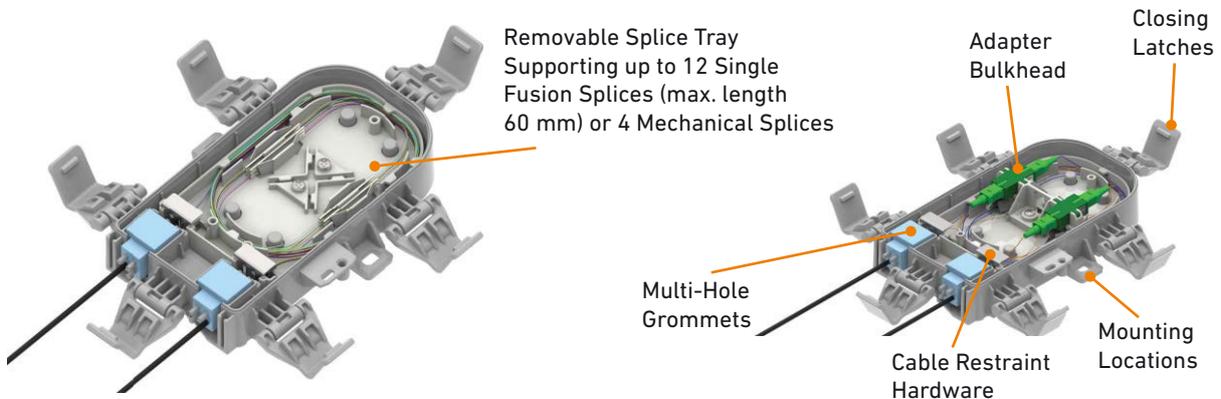
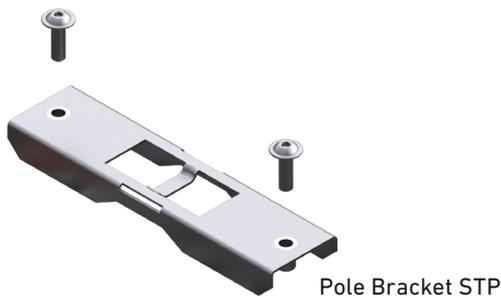
GPON READY 5G READY

The Fiber Optic Closure COYOTE® STP-JR is a highly reliable, small scale, cost effective closure which provides a flexible alternative to traditional network interface devices. The closure has a robust latch system, paired with an integrated over moulded cover. This allows for effortless re-entry and creates a secure seal over a wide range of cable profiles.

When every splice counts, operators are increasingly appreciating robust closures with no nonsense fiber routing to ensure that they can maintain the high level of service and performance that today's customers demand.

By manufacturing from high strength materials and subjecting to stringent thermocycle and ingress protection tests, the STP-JR is a built-to-last closure protecting fiber optic splices from water ingress, even when permanently immersed in water. Our IP68 rating is not just a statement, it is a testimony of a product that has been engineered, tried and tested.

- Capacity of up to 12 splices
- Capacity of up to 2× SC / 4× LC connector
- PLC Splitter capability (small format 1:8)
- Aerial or underground application
- Increased impact protection and water ingress resistance even when permanently immersed in water (IP68)
- Grommet system for cables with diameters 2.4–14 mm
- Support for midspan (loop-through) cable
- Intuitive installation



COYOTE® STP-JR Splicing

COYOTE® STP-JR Patching

Section 0
Closure

Section 1
Grommet Selection

Section 2
Organizer Selection

Section 3
Adapter Type Selection

Example: STP JR
CK
1
12

COYOTE® STP JR

XX

X

XX

	Select 2 options as below:	Cable Diameter Range
A		Solid 85100013
W		4.3–10.2 mm K85100126
Y		10.2–14.0 mm K85100127
J		2× 4.0–4.3 mm 85100009
K		4× 2.4–3.2 mm 85100010
1		2× 2.4–3.2 mm 6.9–8.1 mm TLG-1 On request

Select 1 option as below:

1	Splicing and patching COYOTE® STP JR-NN-1-N0 	Max. 12 single fusion splices Max. 2 SC connectors Max. 4 LC connectors 85100001
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	Select 1 option as below with quantity:	Quantity
N	NONE	0
1	 SC/APC	1 or 2 CN0002
2	 SC/UPC	1 or 2 CN0001
3	 LC/APC	1 or 2 CN0006
4	 LC/UPC	1 or 2 CN0005

Technical Specifications	
Inputs / Outputs (quantity × range)	2× 2.4–14 mm (follow the Configurator – Section 1 – Grommet Selection)
Grommets (type and number of used grommets)	Grommet System – 2 pcs
Ingress Protection	IP68
Impact Protection	IK10
Flammability Degree	V0
Material	PC
Color	light gray RAL 7035
Dimensions (H × W × D)	200 × 125 × 49 mm
Weight	0.4 kg

Ordering Codes	
On request	Custom Configuration
Follow the Configurator (Section 1)	Grommet Kit Separately
85100001	COYOTE® STP JR-NN-1-N0
854G.03/000XF	Pole Bracket STP
854G.12/000XF	Slack Cable Storage for MDC, STP-JR, STP-MD

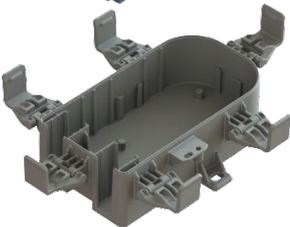
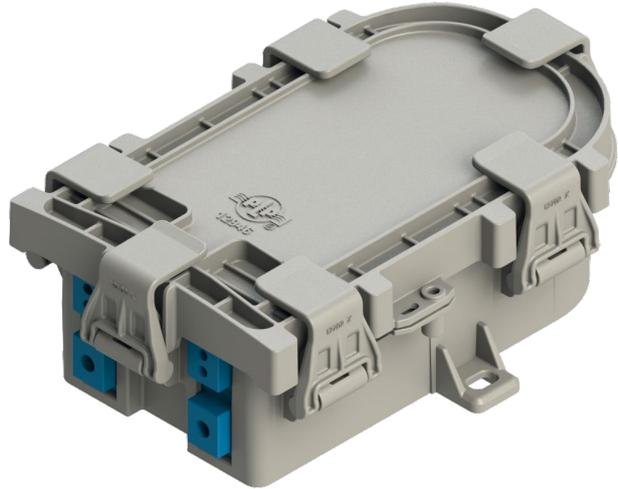
• For other variants, please, contact our sales department.

COYOTE® STP-MD

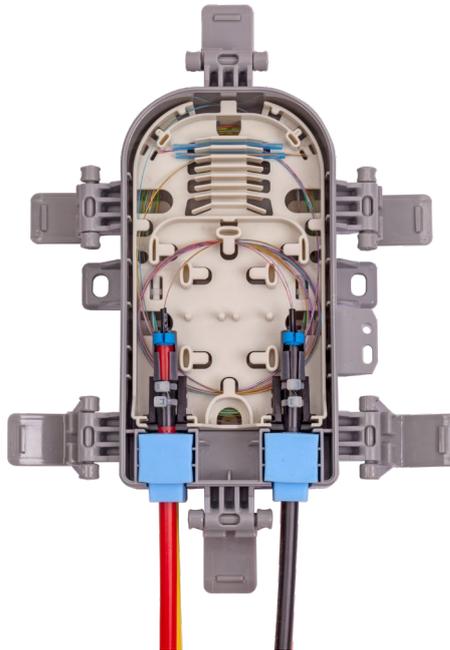
GPON READY 5G READY

The Fiber Optic Closure COYOTE® STP-MD is a tough, compact splice closure which supports straight splice, splice to drop/branch and internal connector solutions. It's ideal for applications in the FTTx distribution network for splice applications of 24 fibers or less and connectivity solutions. It's also ideal for blown fiber cable and microtube cable applications. It supports use of traditional buffer tube cables. The cover latch system allows simple re-entry and keeps the closure watertight, even when permanently immersed in water (IP68).

- Capacity of up to 24 splices
- Capacity of up to 4× SC / 8× LC connector
- PLC Splitter capability (small format 1:8)
- Aerial or underground application
- Increased impact protection and water ingress resistance even when permanently immersed in water (IP68)
- Grommet system for cables with diameters 2.4–14 mm
- Support for midspan (loop-through) cable
- Intuitive installation



COYOTE® STP-MD Splicing



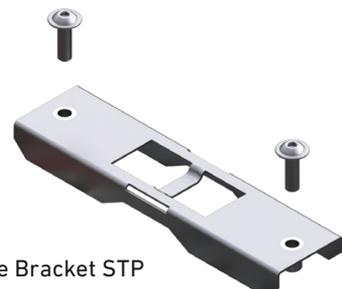
Microduct Termination in the Closure



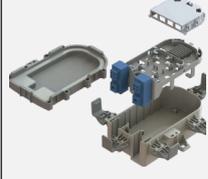
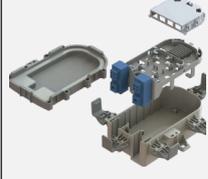
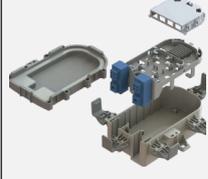
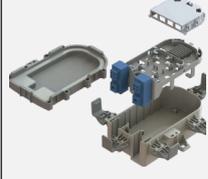
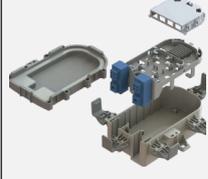
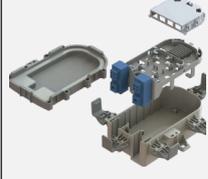
Reserve Storage in the Closure



COYOTE® STP-MD Patching



Pole Bracket STP

Section 0 Closure	Section 1 Grommet Selection	Section 2 Organizer Selection	Section 3 Adapter Type Selection																																						
Example: STPMD	CCKK	1	14																																						
COYOTE® STP MD	XXXX	X	XX																																						
	<table border="1"> <thead> <tr> <th>Select 4 options as below:</th> <th>Cable Diameter Range</th> </tr> </thead> <tbody> <tr> <td>A </td> <td>Solid 85100013</td> </tr> <tr> <td>W </td> <td>4.3–10.2 mm K85100126</td> </tr> <tr> <td>Y </td> <td>10.2–14.0 mm K85100127</td> </tr> <tr> <td>J </td> <td>2× 4.0–4.3 mm 85100009</td> </tr> <tr> <td>K </td> <td>4× 2.4–3.2 mm 85100010</td> </tr> <tr> <td>1 </td> <td>2× 2.4–3.2 mm 6.9–8.1 mm TLG-1 On request</td> </tr> </tbody> </table>	Select 4 options as below:	Cable Diameter Range	A 	Solid 85100013	W 	4.3–10.2 mm K85100126	Y 	10.2–14.0 mm K85100127	J 	2× 4.0–4.3 mm 85100009	K 	4× 2.4–3.2 mm 85100010	1 	2× 2.4–3.2 mm 6.9–8.1 mm TLG-1 On request	<table border="1"> <thead> <tr> <th colspan="2">Select 1 option as below:</th> </tr> </thead> <tbody> <tr> <td>1</td> <td> <table border="1"> <tr> <td>Splicing and patching COYOTE® STP MD-NNNN-1</td> <td>  Max. 24 single fusion splices Max. 4 SC connectors Max. 8 LC connectors 85100014 </td> </tr> </table> </td> </tr> </tbody> </table>	Select 1 option as below:		1	<table border="1"> <tr> <td>Splicing and patching COYOTE® STP MD-NNNN-1</td> <td>  Max. 24 single fusion splices Max. 4 SC connectors Max. 8 LC connectors 85100014 </td> </tr> </table>	Splicing and patching COYOTE® STP MD-NNNN-1	 Max. 24 single fusion splices Max. 4 SC connectors Max. 8 LC connectors 85100014	<table border="1"> <thead> <tr> <th colspan="2">Select 1 option as below with quantity:</th> <th>Quantity</th> </tr> </thead> <tbody> <tr> <td>N</td> <td>NONE</td> <td>0</td> </tr> <tr> <td>1</td> <td>  SC/APC </td> <td>1 to 4 CN0295</td> </tr> <tr> <td>2</td> <td>  SC/UPC </td> <td>1 to 4 CN0296</td> </tr> <tr> <td>3</td> <td>  LC/APC </td> <td>1 to 4 CN0292</td> </tr> <tr> <td>4</td> <td>  LC/UPC </td> <td>1 to 4 CN0297</td> </tr> </tbody> </table>	Select 1 option as below with quantity:		Quantity	N	NONE	0	1	 SC/APC	1 to 4 CN0295	2	 SC/UPC	1 to 4 CN0296	3	 LC/APC	1 to 4 CN0292	4	 LC/UPC	1 to 4 CN0297
	Select 4 options as below:	Cable Diameter Range																																							
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2	 SC/UPC	1 to 4 CN0296																																							
3	 LC/APC	1 to 4 CN0292																																							
4	 LC/UPC	1 to 4 CN0297																																							

Technical Specifications	
Inputs / Outputs (quantity × range)	4× 2.4–14 mm (follow the Configurator – Section 1 – Grommet Selection)
Grommets (type and number of used grommets)	Grommet System – 4 pcs
Ingress Protection	IP68
Impact Protection	IK10
Flammability Degree	V0
Material	PC
Color	light gray RAL 7035
Dimensions (H × W × D)	200 × 125 × 70 mm
Weight	0.5 kg

Ordering Codes	
On request	Custom Configuration
Follow the Configurator (Section 1)	Grommet Kit Separately
85100014	COYOTE® STP MD-NNNN-1
854G.03/000XF	Pole Bracket STP
854G.12/000XF	Slack Cable Storage for MDC, STP-JR, STP-MD

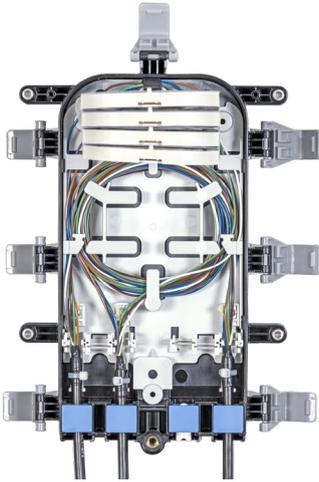
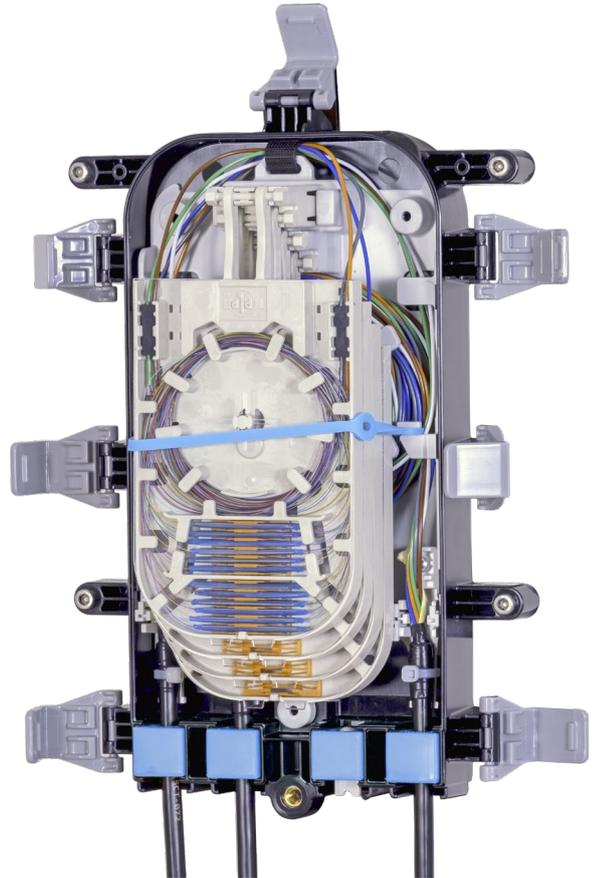
• For other variants, please, contact our sales department.

COYOTE® STP-L

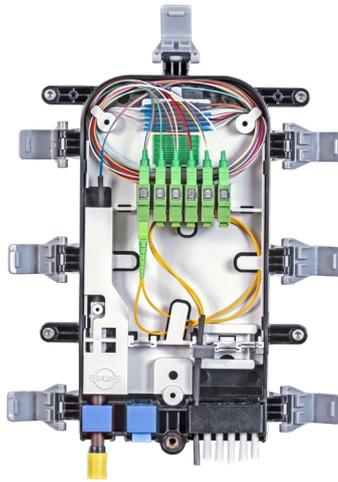
NEW **GPON READY** **5G READY**

The Fiber Optic Closure COYOTE® STP-L is a flexible closure of smaller dimensions. The cover latch system allows simple re-entry and keeps the closure watertight, even when permanently immersed in water (IP68). It can be used as an access closure or a distribution closure in FTTx networks.

- Capacity of up to 96 splices
- Capacity of up to 12× SC / 12× LC connector (only for COYOTE® STP-L3-E)
- Hinged splice trays for up to 24 splices (4 pcs max.)
- Scalable through gradual adding of trays
- PLC Splitter capability (small format)
- Support for ribbon fibers
- Support for midspan (loop-through) cable
- Grommet system for cables with diameters 2.4–14 mm
- Increased impact protection and water ingress resistance even when permanently immersed in water (IP68)
- Optional pole bracket
- Suitable for all types of networks



COYOTE® STP-L
Tray Storage System



COYOTE® STP-L
Organizer for Pre-terminated
Drop Cables

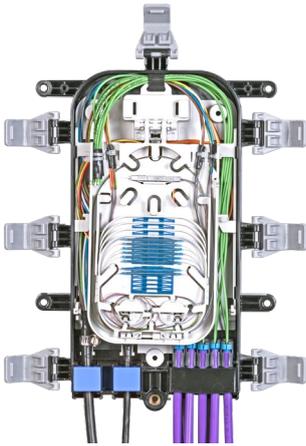


COYOTE® STP-L
Slack Cable Storage

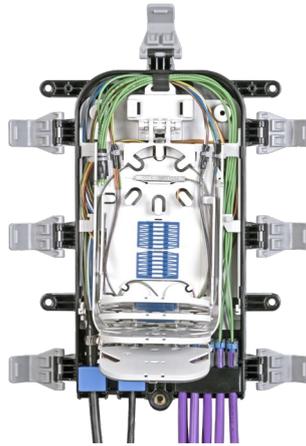


COYOTE® STP-L
External Connectors

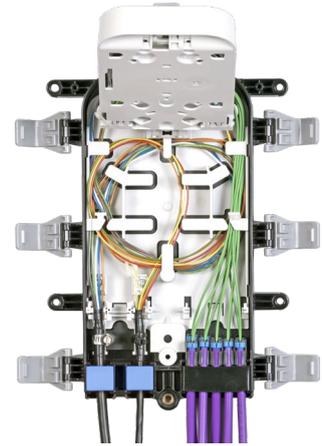




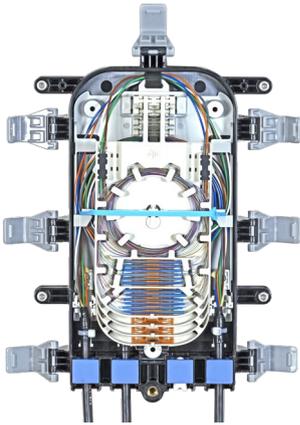
COYOTE® STP L-3C-DD-YY-7-NNN
SPLICING: 60 SPLICES
IN THE TRAY STP-L
WITH THE TRAY MANAGEMENT



COYOTE® STP L-3C-DD-YY-7-NNN
SPLICING: 60 SPLICES
IN THE TRAY STP-L WITH THE TRAY
MANAGEMENT, TILTED TRAYS



COYOTE® STP L-3C-DD-YY-7-NNN
SPLICING: 60 SPLICES
IN THE TRAY STP-L WITH THE TRAY
MANAGEMENT, A TILTED TRAY



COYOTE® STP L-4G-AAAA-WWWW-NNN
SPLICING: 48 SPLICES
BY USING THE TRAYS STP-XL



COYOTE® STP L-3E-YY-7-NNN
SPLICING: 24 SPLICES,
ORGANIZER FOR PRE-TERMINATED
DROP CABLES



Pole Bracket
STP-L



Slack Cable Storage
for STP-L

Technical Specifications	
Inputs / Outputs (quantity × range)	2 × or 4 × 2.4–14 mm (follow the Configurator – Section 3 – Grommet Selection)
Grommets (type and number of used grommets)	Grommet System – 2, 3 or 4 pcs
Ingress Protection	IP68
Impact Protection	IK10
Material	PC
Color	black RAL 9005
Dimensions (H × W × D)	300 × 200 × 60/80 mm
Weight	0.7 kg

Ordering Codes	
On request	Custom Configuration
Follow the Configurator (Section 1)	Closure with Organizer Separately
Follow the Configurator (Section 2)	Tray Kit Separately
Follow the Configurator (Section 3)	Grommet Kit Separately
854G.F1/000XF	Pole Bracket STP-L
854G.D9/000X	Slack Cable Storage for STP-L
80813669	High Cover STP-XL, Bracket for 2 Trays, Set
854G.29/000XF	Microduct Holder STP-XL Outside

• For other variants, please, contact our sales department.

Section 0
Closure

Section 1
Organizer Selection

COYOTE® STP L



YouTube



XX

2A

2B

3C

3D

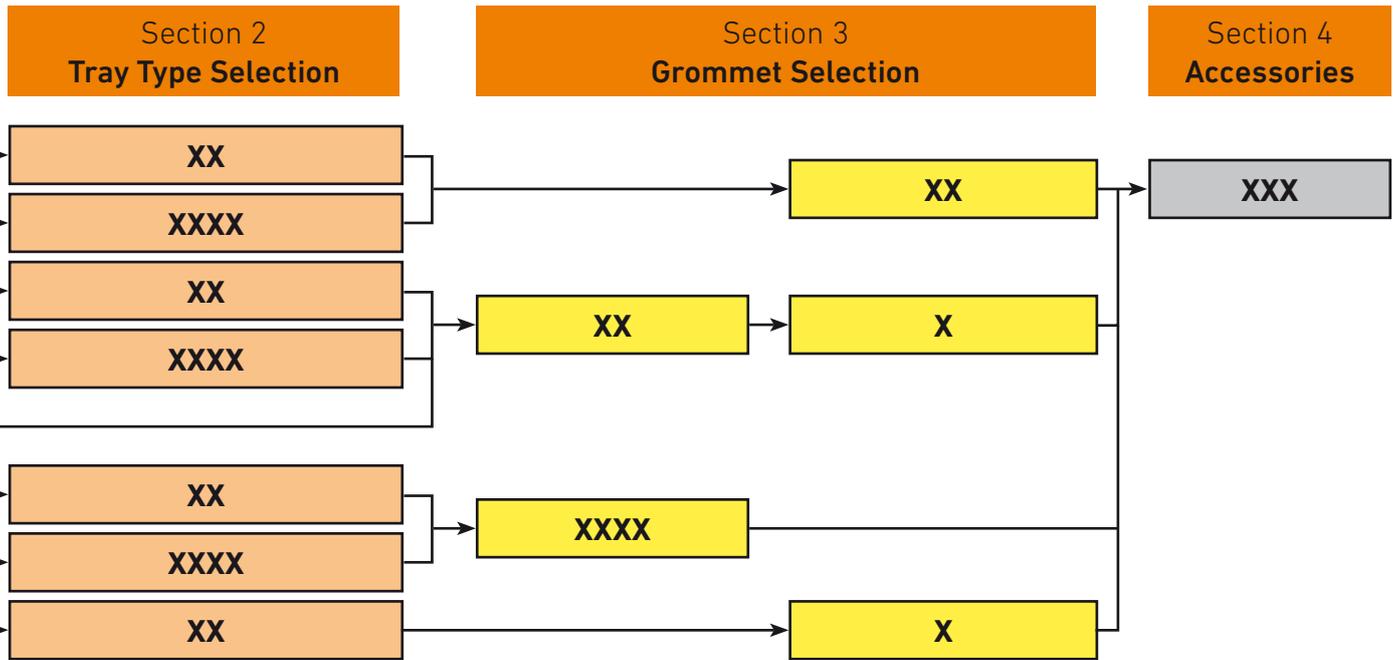
3E

4F

4G

9H

Select 1 option as below:		
2A		<p>Low Cover Base 2 Inputs Tray Storage System Capacity of up to 60 splices K8500STPL/0001</p>
2B		<p>High Cover Base 2 Inputs Tray Storage System Capacity of up to 96 splices K8500STPL/0002</p>
3C		<p>Low Cover Base 3 Inputs Tray Storage System Capacity of up to 60 splices K8500STPL/0003</p>
3D		<p>High Cover Base 3 Inputs Tray Storage System Capacity of up to 96 splices K8500STPL/0004</p>
3E		<p>Low Cover Base 3 Inputs Organizer for Pre-terminated Drop Cables Capacity of up to 24 splices Capacity of up to 12x SC/LC connector K8500STPL/0005</p>
4F		<p>Low Cover Base 4 Inputs Tray Storage System Capacity of up to 60 splices K8500STPL/0006</p>
4G		<p>High Cover Base 4 Inputs Tray Storage System Capacity of up to 96 splices K8500STPL/0007</p>
9H		<p>Low Cover Base 5 Inputs Tray Storage System Capacity of up to 60 splices Drop grommets (5 mm) are already inserted K8500STPL/0008</p>



Select trays as below:		
A		Tray STP-XL SINGLE FUSION Set Up to 24 splices 85100019
B		Tray STP-XL Set for Crimp Protection Up to 24 splices 85100021
C		Tray STP-XL Set for Ribbon Protection Up to 8 splices 85100020
DD		Tray STP-L with Tray Management SINGLE FUSION Set Up to 60 splices K85100104 Can only be used once in the bottom position
EE		Tray STP-L with Tray Management Set for Crimp Protection Up to 120 splices K85100105 Can only be used once in the bottom position
N	NONE	The position remains empty

Select grommets as below:		
A		Solid 85100013
W		4.3-10.2 mm K85100112
Y		10.2-14.0 mm K85100113
I		2x 4.0-4.3 mm 50161864
M		2x 7.0 mm K85100141
J		4x 2.4-3.2 mm 50161865
K		4x 3.8 mm 85100046
L		2x Flat Drop Cable 8.0 x 4.0 mm 85100045
1		2x 2.4-3.2 mm 6.9-8.1 mm TL6-1 On request

Select grommets as below:		
5		12x 4.7-5.1 mm 80813534
6		12x 5.7-6.0 mm K85100163
7		10x 7.0 mm 85100018
COMING SOON		

Select 3 options as below:	
B	Fiber Pick 80812311
K	Crimp Splice Holder 80808018
R	Ribbon Splice Holder 80812439
N	NONE

Examples of creating a name:

- COYOTE® STP L-2A-AA-77-NNN
- COYOTE® STP L-3C-DD-YY-7-NNN
- COYOTE® STP L-3E-YY-7-NNN
- COYOTE® STP L-4G-AAAA-WWWW-NNN

Section 0

Section 1

Section 2

Section 3

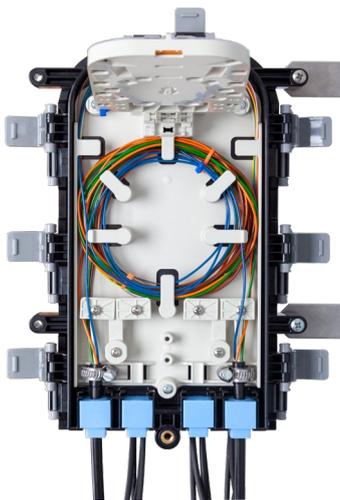
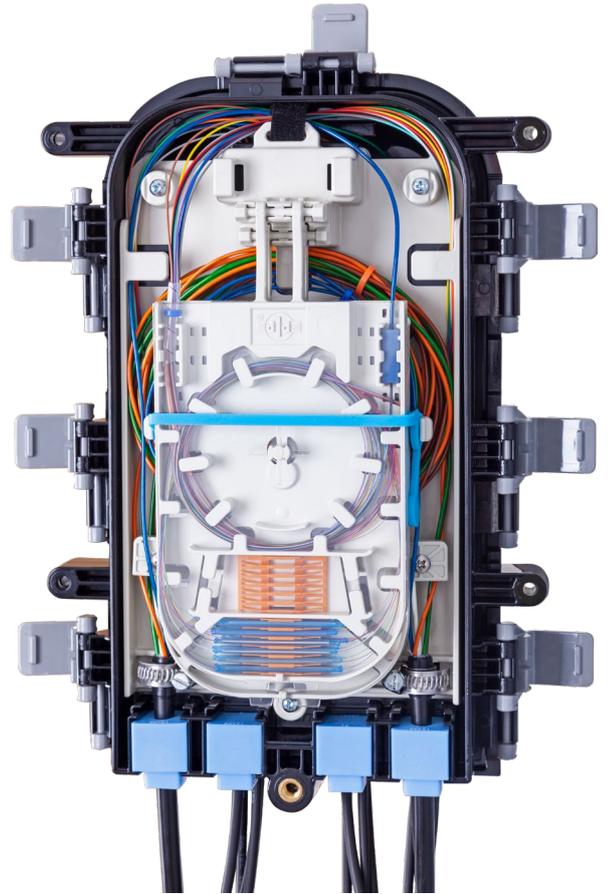
Section 4

COYOTE® STP-XL

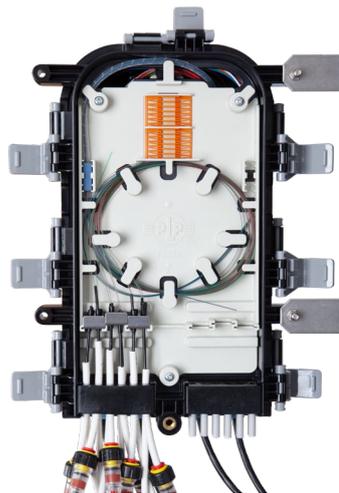
NEW **GPON READY** **5G READY**

The Fiber Optic Closure COYOTE® STP-XL is a flexible closure which provides fast customer connection. The cover latch system allows simple re-entry and keeps the closure watertight, even when permanently immersed in water (IP68). It can be used as an access closure or a distribution closure in FTTx networks.

- Capacity of up to 192 splices
- Capacity of up to 24× SC / 48× LC connector
- Two-section design which provides separate access to the main cable splices and the customer cable splices
- Hinged splice trays for up to 24 splices (8 pcs max.)
- Scalable through gradual adding of trays
- PLC Splitter capability (small format)
- Support for ribbon fibers
- Support for midspan (loop-through) cable
- Grommet system for cables with diameters 2.4–14 mm
- Increased impact protection and water ingress resistance even when permanently immersed in water (IP68)
- Optional pole bracket
- Suitable for all types of networks



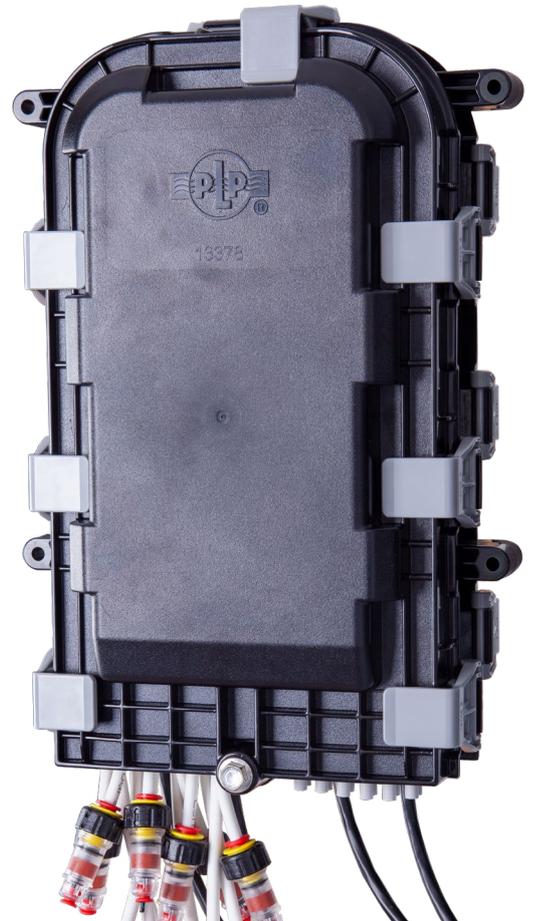
COYOTE® STP-XL
Tray Storage System

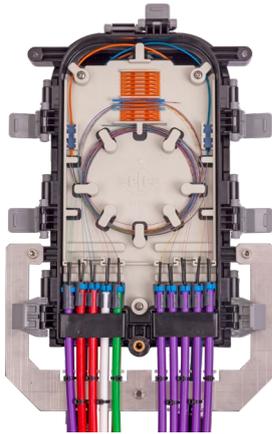


COYOTE® STP-XL
Drop Storage System

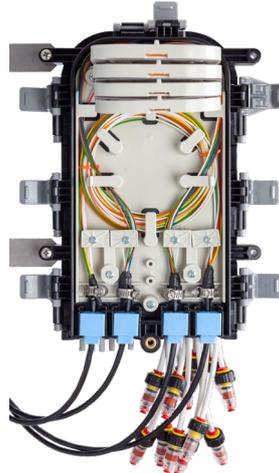


COYOTE® STP-XL
Slack Cable Storage

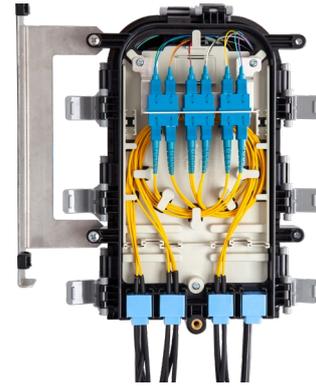




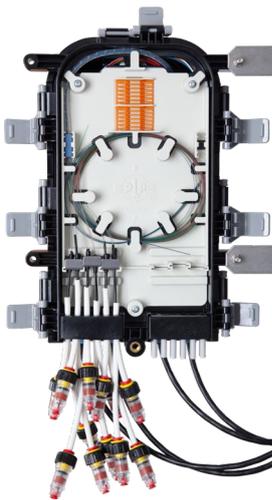
COYOTE® STP XL-E-AAAA-N-BBBB-77-NNN
SPLICING: 24 SPLICES IN THE DROP SECTION,
A MICRODUCT HOLDER



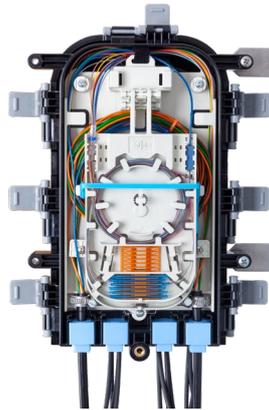
COYOTE® STP XL-E-AAAA-N-BBBB-55-NNN
SPLICING: 96 SPLICES IN THE MAIN SECTION,
TILTED TRAYS



COYOTE® STP XL-G-AAAA-AN-BBBB KKKK-NNN
PATCHING: 12× SC CONNECTOR IN THE DROP
SECTION



COYOTE® STP XL-D-AA-N-BBBB-55-NNN
SPLICING: 24 SPLICES IN THE DROP SECTION



COYOTE® STP XL-G-AANN-A-BBBB KKKK-NNN
SPLICING: 48 SPLICES IN THE MAIN SECTION



Pole and Wall
Bracket STP-XL



Slack Cable Storage
for STP-XL



Strip to Secure a Cover

Technical Specifications	
Inputs / Outputs (quantity × range)	6× or 8× 2.4–14 mm (follow the Configurator – Section 4 – Grommet Selection)
Grommets (type and number of used grommets)	Grommet System – 6 or 8 pcs
Ingress Protection	IP68
Impact Protection	IK10
Material	PC
Color	black RAL 9005
Dimensions (H × W × D)	300 × 200 × 109/129/149 mm
Weight	2 kg

Ordering Codes	
On request	Custom Configuration
Follow the Configurator (Section 4)	Grommet Kit Separately
Follow the Configurator (Section 1)	Closure with Organizer Separately
Follow the Configurator (Section 2)	Tray Kit Separately
854G.06/000XF	Pole and Wall Bracket STP-XL
854G.11/000XF	Slack Cable Storage for STP-XL
80813669	High Cover STP-XL, Bracket for 2 Trays, Set
854G.29/000XF	Microduct Holder STP-XL Outside

• For other variants, please, contact our sales department.

Section 0
Closure

Section 1
Organizer Selection

Section 2
Tray Type Selection

COYOTE® STP XL



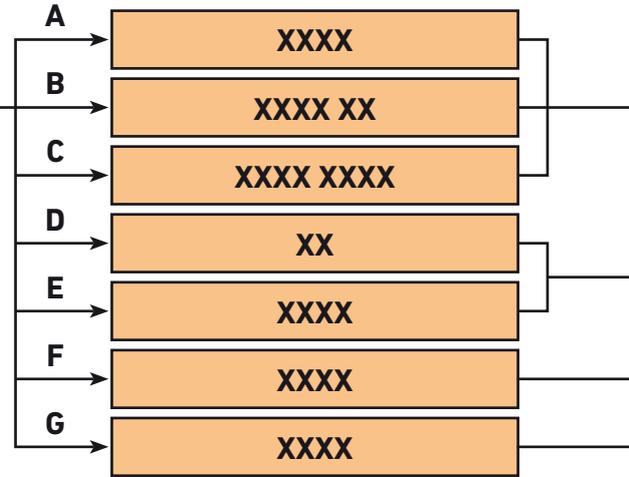
YouTube



X

Select 1 option as below:

A		2× Low Cover Base 8 Inputs 2× Tray Storage System Capacity of up to 96 splices 85100034
B		1× Low Cover 1× High Cover Base 8 Inputs 2× Tray Storage System Capacity of up to 144 splices 85100035
C		2× High Cover Base 8 Inputs 2× Tray Storage System Capacity of up to 192 splices 85100036
D		2× Low Cover Base 6 Inputs 1× Drop Storage System 1× Tray Storage System Capacity of up to 72 splices 85100037
E		1× Low Cover 1× High Cover Base 6 Inputs 1× Drop Storage System 1× Tray Storage System Capacity of up to 120 splices 85100038
F		2× High Cover Base 6 Inputs 1× Drop Storage System 1× Tray Storage System Capacity of up to 120 splices 85100039
G		2× High Cover Base 8 Inputs 1× Drop Storage System 1× Tray Storage System Capacity of up to 120 splices 85100040



Select trays as below:

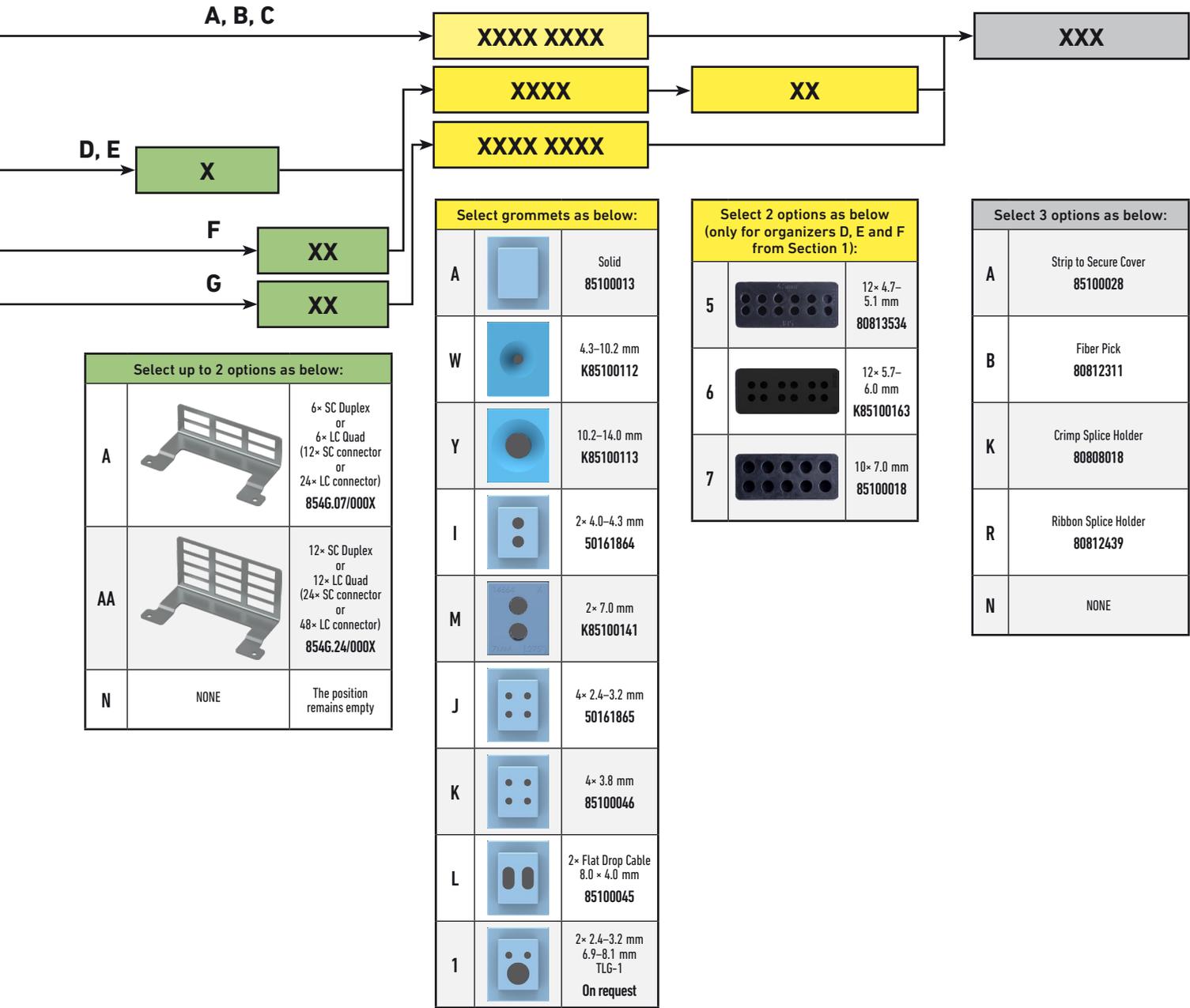
A		Tray STP-XL SINGLE FUSION Set Up to 24 splices 85100019
B		Tray STP-XL Set for Crimp Protection Up to 24 splices 85100021
C		Tray STP-XL Set for Ribbon Protection Up to 8 splices 85100020
N	NONE	The position remains empty



Section 3
Adapter Panel Selection

Section 4
Grommet Selection

Section 5
Accessories



Examples of creating a name:

- COYOTE® STP XL-E-AAAA-N-BBBB-55-NNN
- COYOTE® STP XL-G-AAAA-AN-BBBB-KKKK-NNN
- COYOTE® STP XL-G-AANN-AA-BBBB-KKKK-NNN
- COYOTE® STP XL-D-AA-N-BBBB-55-NNN

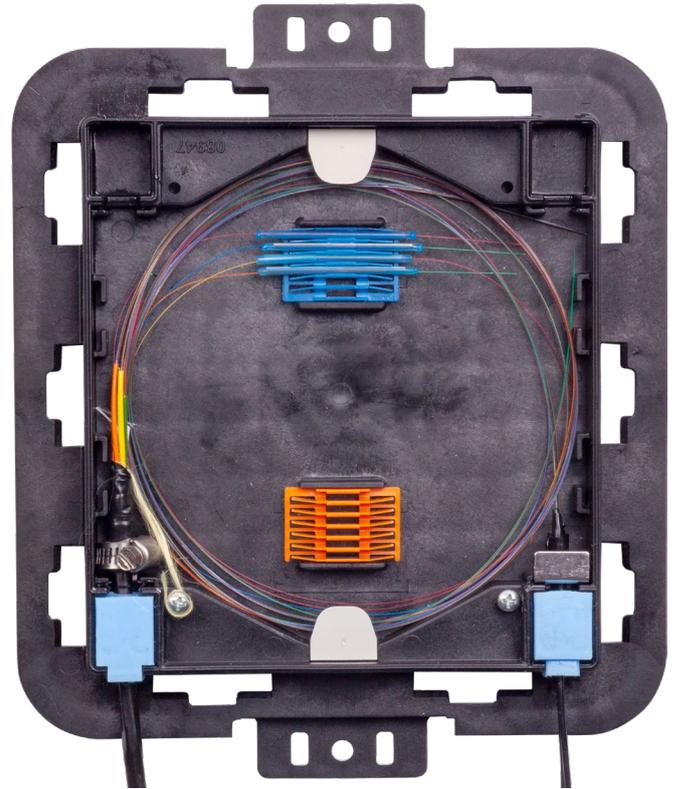


COYOTE® DTC

NEW **GPON READY** **5G READY**

The Fiber Optic Closure COYOTE® DTC is a tough, compact splice closure which supports straight splice, splice to drop/branch and internal connector solutions. It's ideal for drop cable corrections and last-mile applications in the FTTx distribution network. It's extremely durable and adapted to permanent immersion in water (IP68).

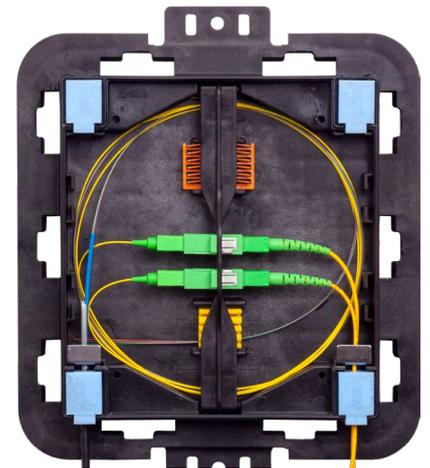
- Capacity of up to 32 splices
- Capacity of up to 6× SC / 12× LC connector
- PLC Splitter capability (small format)
- Aerial or underground application
- Increased impact protection and water ingress resistance even when permanently immersed in water (IP68)
- Grommet system for cables with diameters 2.5–10 mm
- Support for midspan (loop-through) cable
- Intuitive installation
- Support for ribbon fibers
- Integrated pole bracket
- Suitable for all types of networks



COYOTE® DTC with a Splice Tray



COYOTE® DTC with a Tilted Splice Tray



COYOTE® DTC with an Adapter Panel

Section 0 Closure	Section 1 Grommet Selection	Section 2 Splice Holder Selection	Section 3 Accessories
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COYOTE® DTC	XXXX	XX	X
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COYOTE® DTC
Integrated Pole Bracket

	Select 4 options as below:	Cable Diameter Range
A		Solid 85100041
B		2.5-3.9 mm 85100042
C		4.3-6.4 mm 50161849
D		6.4-8.9 mm 50161850
E		8.9-10.0 mm 50161854
F		8.1 × 4.3 mm 50161853
G		2× 2.4-3.2 mm 50161852
H		2× 4.0-4.3 mm 50161851
N	NONE	The position remains empty



COYOTE® DTC
Tool for Opening

Select 2 options as below:		
A		Splice Holder, 12F, for heatshrink 80808005-OR
B		Splice Holder, 6F, for heatshrink 80808004
C		Splice Holder, 4× ribbon or 4× splitter, for ribbon 80812439 (do not use the option with the Adapter Panel)
D		Splice Holder, 12F, for crimp 80808018
E		Splice Holder, 3× ribbon, for ribbon 80811416-P
F		Splice Holder, 8F, for heatshrink 80811415-Y-Y
N	NONE	The position remains empty

Select 1 option as below:		
A		Adapter Panel for DTC 2× SC simplex or LC duplex 80810010
B		Adapter Panel for DTC 3× SC duplex or LC quad 80811101
C		Tray DTC, 32F, for heatshrink 80812774
D		Tray DTC, 16F, for heatshrink 80811237
N	NONE	The position remains empty

Examples of creating a name:

COYOTE® DTC-**CGGN-AA-N**
COYOTE® DTC-**BHNN-NN-C**



Technical Specifications	
Inputs / Outputs (quantity × range)	4× 2.5-10 mm (follow the Configurator – Section 1 – Grommet Selection)
Grommets (type and number of used grommets)	Grommet System – 4 pcs
Ingress Protection	IP68
Impact Protection	IK10
Material	PC
Color	black RAL 9005
Dimensions (H × W × D)	231 × 193 × 43 mm
Weight	0.5 kg

Ordering Codes	
On request	Custom Configuration
Follow the Configurator (Section 1)	Grommet Kit Separately
85100016	COYOTE® DTC-NNNN-NN-N
80812533	COYOTE® DTC Tool for Opening

• For other variants, please, contact our sales department.

COYOTE® InLine RUNT

NEW **GPON READY** **5G READY**

The Fiber Optic Closure COYOTE® InLine RUNT thanks to its rectangular shape allows for in-line deployment, intuitive installation and easy mounting to walls or steel cables. It is extremely durable and adapted to permanent immersion in water (IP68). The unique grommet system provides very simple and flexible installation of a wide range of cable types.

- Capacity of up to 192 splices
- Capacity of up to 8× SC / 16× LC connector
- Buffer tube trays for up to 48 splices
- Scalable through gradual adding of trays
- PLC Splitter capability (small format)
- Support for ribbon fibers
- Support for midspan (loop-through) cable
- In-Line cable solution
- Multiple grommets
- Rectangular shape for easy mounting
- Unique grommet system for cables with diameters 2.4–31.8 mm
- Increased impact protection and water ingress resistance even when permanently immersed in water (IP68)
- Optional pole and wall bracket
- Suitable for all types of networks



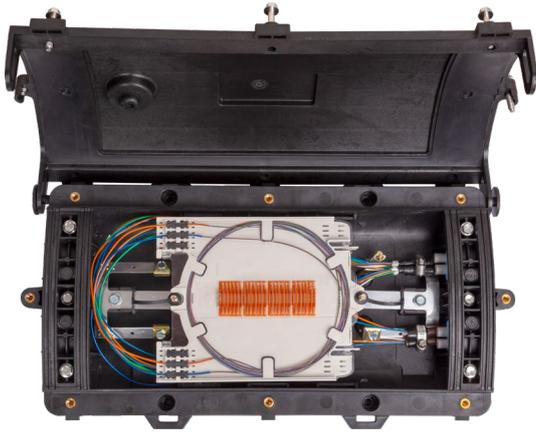
TRAYS BT SHORT

- For splicing
- Up to 48 splices
- Support for heat shrinkable / ribbon / crimp protection



GROMMET SYSTEM

- For cables with diameters 2.4–31.8 mm
- 2× top position
- 2× bottom position



COYOTE® InLine RUNT with the Adapter Panel

Steel Cable Holder for InLine RUNT

Pole and Wall Bracket InLine RUNT

Technical Specifications	
Inputs / Outputs (quantity × range)	4× 2.4–31.8 mm (follow the Configurator – Section 1 – Grommet Selection)
Grommets (type and number of used grommets)	Grommet System – 4 pcs
Ingress Protection	IP68
Impact Protection	IK10
Material	PP
Color	black RAL 9005
Dimensions (H × W × D)	475 × 254 × 94 mm
Weight	4 kg

Ordering Codes	
On request	Custom Configuration
800016978	COYOTE® InLine RUNT
Follow the Configurator (Section 1)	Grommet Kit Separately
Follow the Configurator (Section 3)	Tray Kit Separately
854G.F8/000X	Pole and Wall Bracket InLine RUNT
8003797	Steel Cable Holder for InLine RUNT

• For other variants, please, contact our sales department.

**Section 0
Closure**
COYOTE® InLine RUNT

**Section 1
Grommet Selection**
XXXX

Select 4 options as below:		
A		Round 45.5 10.2-15.2 mm 8003691
B		Round 45.5 15.2-21.6 mm 8003692
C		Round 45.5 21.6-25.4 mm 8003693
D		Round 45.5 25.4-31.8 mm 8003694
E		Round 45.5 2× 10.7-15.2 mm 8003663
F		Round 45.5 4× 6.4-7.9 mm 8004065
G		Round 45.5 4× 7.6-10.9 mm 8003664
H		Round 45.5 6× 3.2-6.4 mm 8003676
I		Round 45.5 8× 2.4-3.2 mm 8004094
J		Round 45.5 8× 3.2-6.4 mm 8003677
K		Round 45.5 12× 7.0 mm 8004217
W		Round 45.5 3× 14.0 mm 50161805
Y		Round 45.5 3× 16.0 mm 50161806
N	NONE	The position remains empty

**Section 2
Adapter Panel Selection**
X

Select 1 option as below:		
A		Capacity of up to 8× SC / 16× LC 854G.39/000X
N	NONE	The position remains empty

**Section 3
Tray Type Selection**

**Section 4
Accessories**



Select up to 4 options as below:		
A		SC Short, 48F, for heatshrink 50161367EU
B		SC Short, 48F, for crimp 85100051
CC		SE Short, 12*, for ribbon 80808393
DD		SE Short, 32F, for heatshrink + 3* splitter 85100052
N	NONE	The position remains empty

Select 2 options as below:		
A		Fiber Organizer for COYOTE® InLine RUNT (suitable for undivided ribbon cables) 8003862
N	NONE	The position remains empty

Examples of creating a name:

COYOTE® InLine Runt-AGHJ-N-AAAA-NN
COYOTE® InLine Runt-AINN-A-DD-NN

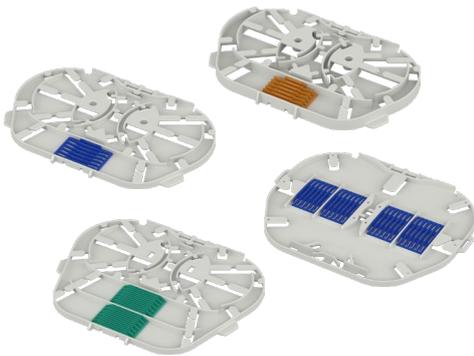


COYOTE® DOME SFMS

NEW **GPON READY** **5G READY** **SFMS**

The Fiber Optic Closures COYOTE® DOME SFMS are built-to-last closures protecting fiber optic splices from water ingress, even when permanently immersed in water (IP68). The closures have a unique grommet system for easy installation and incorporate the SFMS stacking system to make the fiber management flexible and tidy.

- Capacity of up to 144 splices (for COYOTE® DOME ONE)
- Capacity of up to 384 splices (for COYOTE® DOME 617)
- Capacity of up to 576 splices (for COYOTE® DOME 622)
- Capacity of up to 768 splices (for COYOTE® DOME 919)
- Capacity of up to 1,536 splices (for COYOTE® DOME 928)
- Hinged splice trays for up to 12 splices
- Scalable through gradual adding of trays
- PLC Splitter capability (small format)
- Support for ribbon fibers
- Support for midspan (loop-through) cable
- Unique grommet system for cables with diameters 2.4–31.8 mm
- Increased impact protection and water ingress resistance even when permanently immersed in water (IP68)
- Optional pole and wall bracket
- Suitable for all types of networks



SFMS SYSTEM

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



GROMMET SYSTEM

- For cables with diameters 2.4–31.8 mm
- 4× bottom position for DOME 617, DOME 622
- 7× bottom position for DOME 919, DOME 928
- 3× bottom position for DOME ONE



COYOTE® DOME 617 SFMS-A-BBAN-08G_08A



COYOTE® DOME 617 SFMS-A-BBAN-08G_08A
(tilted trays)



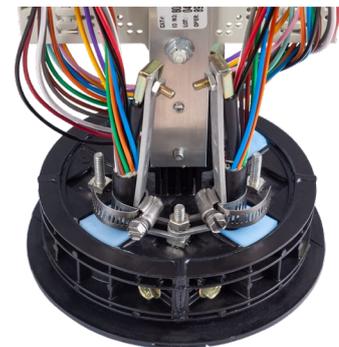
COYOTE® DOME 617 SFMS-A-BBAN-08G_08A
(midspan (loop-through) cable installation)



Input into a Fiber Organizer



Microproduct Termination in the Closure



Fiber Optic Cable Fixing

Technical Specifications	DOME 617	DOME 622	DOME 919	DOME 928	DOME ONE
Inputs / Outputs (quantity × range)	4 × 2.4–31.8 mm (follow the Configurator – Section 2 – Grommet Selection)	4 × 2.4–31.8 mm (follow the Configurator – Section 2 – Grommet Selection)	7 × 2.4–31.8 mm (follow the Configurator – Section 2 – Grommet Selection)	7 × 2.4–31.8 mm (follow the Configurator – Section 2 – Grommet Selection)	3 × 2.4–31.8 mm (follow the Configurator – Section 2 – Grommet Selection)
Grommets (type and number of used grommets)	Grommet System – 4 pcs	Grommet System – 4 pcs	Grommet System – 7 pcs	Grommet System – 7 pcs	Grommet System – 3 pcs
Ingress Protection	IP68	IP68	IP68	IP68	IP68
Impact Protection	IK10	IK10	IK10	IK10	IK10
Material	PP	PP	PP	PP	PP
Color	black RAL 9005				
Dimensions (H × ø)	463 × 218 mm	574 × 218 mm	509 × 338 mm	749 × 338 mm	–
Dimensions (H × W × D)	–	–	–	–	406 × 274 × 145 mm
Weight	4 kg	5 kg	6 kg	7 kg	3 kg

Ordering Codes	
On request	Custom Configuration
Follow the Configurator (Section 2)	Grommet Kit Separately
Follow the Configurator (Section 1)	Closure with Organizer Separately
Follow the Configurator (Section 3)	Tray Kit Separately
58810955	Universal Mounting Bracket for DOME Closures
8003835	Universal Mounting Bracket Kit for Underground Chamber
8004004	Stainless Pole and Wall Bracket DOME ONE

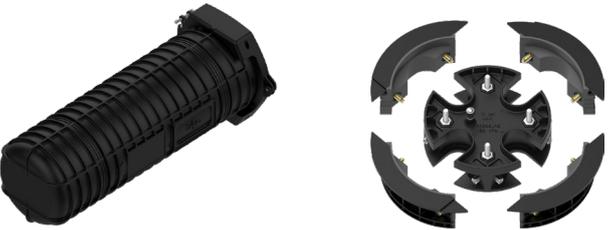
• For other variants, please, contact our sales department.

**Section 0
Closure**

COYOTE® DOME 617 SFMS



COYOTE® DOME 622 SFMS



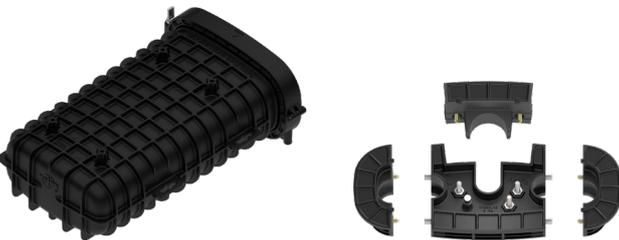
COYOTE® DOME 919 SFMS



COYOTE® DOME 928 SFMS



COYOTE® DOME ONE SFMS



**Section 1
Organizer Selection**

X

Select 1 option as below:

A	<p>With fiber organizer Capacity of up to 24× SC tray Capacity of up to 12× SE tray Capacity of up to 288 splices</p> <p>50161423</p>	
B	<p>Without fiber organizer Capacity of up to 32× SC tray Capacity of up to 16× SE tray Capacity of up to 384 splices</p> <p>85100059</p>	
A	<p>With fiber organizer Capacity of up to 40× SC tray Capacity of up to 20× SE tray Capacity of up to 480 splices</p> <p>50161443</p>	
B	<p>Without fiber organizer Capacity of up to 48× SC tray Capacity of up to 24× SE tray Capacity of up to 576 splices</p> <p>50161444</p>	
A	<p>With fiber organizer Capacity of up to 64× SC tray Capacity of up to 32× SE tray Capacity of up to 768 splices</p> <p>85100061</p>	
A	<p>With fiber organizer Capacity of up to 128× SC tray Capacity of up to 64× SE tray Capacity of up to 1,536 splices</p> <p>85100062</p>	
A	<p>With fiber organizer Capacity of up to 16× SC tray Capacity of up to 8× SE tray Capacity of up to 96 splices</p> <p>50161422</p>	
B	<p>Without fiber organizer Capacity of up to 24× SC tray Capacity of up to 12× SE tray Capacity of up to 144 splices</p> <p>85100060</p>	

**Section 2
Grommet Selection**

DOMES 617, DOME 622

DOMES 919, DOME 928

DOME ONE

XXXX

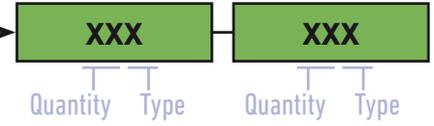
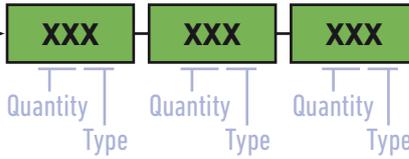
XXXXXXX

XXX

Attention: Do not use option „N“!

Select grommets as below (please attention to the max. capacity):		
A		Round 45.5 10.2-15.2 mm 8003691
B		Round 45.5 15.2-21.6 mm 8003692
C		Round 45.5 21.6-25.4 mm 8003693
D		Round 45.5 25.4-31.8 mm 8003694
E		Round 45.5 2x 10.7-15.2 mm 8003663
F		Round 45.5 4x 6.4-7.9 mm 8004065
G		Round 45.5 4x 7.6-10.9 mm 8003664
H		Round 45.5 10.7-15.2 mm 6x 3.2-6.4 mm 8003676
I		Round 45.5 8x 2.4-3.2 mm 8004094
J		Round 45.5 8x 3.2-6.4 mm 8003677
K		Round 45.5 12x 7.0 mm 8004217
W		Round 45.5 3x 14.0 mm 50161805
Y		Round 45.5 3x 16.0 mm 50161806
N	NONE	The position remains empty. Do not use the option for DOME ONE!

**Section 3
Tray Type Selection**



Select trays as below (please attention to the max. capacity):		
A		SC Short, 6F, for heatshrink 80811933
B		SC Short, 12F, for crimp 50161402
C		SE Short, 12F, for heatshrink 80811935
D		SE Short, 4x ribbon or 4x splitter, for ribbon 80812916
E		SC Long, 12F, for heatshrink 80812456
F		SC Long, 24F, for crimp 85100030
G		SC Long, 24F + splitter, for heatshrink 50161971
N	NONE	The position remains empty

Select trays as below (please attention to the max. capacity):		
A		SC Short, 6F, for heatshrink 80811933
B		SC Short, 12F, for crimp 50161402
C		SE Short, 12F, for heatshrink 80811935
D		SE Short, 4x ribbon or 4x splitter, for ribbon 80812916

Examples of creating a name:

COYOTE® DOME 617 SFMS-A-ABCD-05A_02G

COYOTE® DOME 919 SFMS-A-ABCFGNN-11A_14D_07H

COYOTE® DOME ONE SFMS-B-AKL-12A_06H



COYOTE® DOME BT UO

NEW **GPON READY** **5G READY**

The Fiber Optic Closures COYOTE® DOME BT UO are a group of fiber optic closures using both stacking system and classic BT fiber optic trays for accessible fiber management in large trays. The closures are extremely durable and adapted to permanent immersion in water (IP68). The closures have a unique grommet system for easy installation.

- Capacity of up to 192 splices (for COYOTE® DOME ONE)
- Capacity of up to 336 splices (for COYOTE® DOME 617)
- Capacity of up to 504 splices (for COYOTE® DOME 622)
- Scalable through gradual adding of trays
- Support for hinged splice trays
- Support for adapter splice trays or panels
- PLC Splitter capability (small format)
- Support for ribbon fibers
- Support for midspan (loop-through) cable
- Unique grommet system for cables with diameters 2.4–31.8 mm
- Increased impact protection and water ingress resistance even when permanently immersed in water (IP68)
- Optional pole and wall bracket
- Suitable for all types of networks



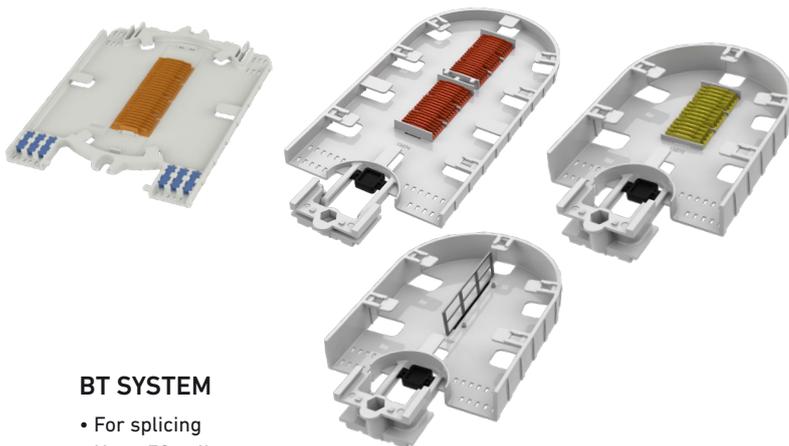
COYOTE® DOME ONE



COYOTE® DOME 617

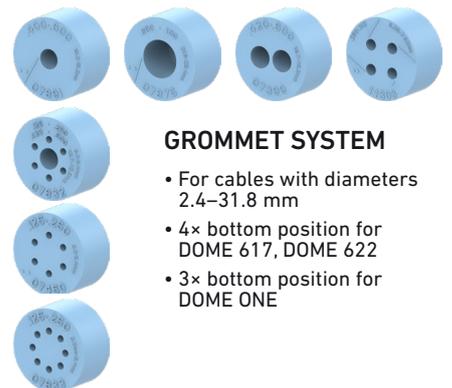


COYOTE® DOME 622



BT SYSTEM

- For splicing
- Up to 72 splices
- Hinged or stackable mounting



GROMMET SYSTEM

- For cables with diameters 2.4–31.8 mm
- 4× bottom position for DOME 617, DOME 622
- 3× bottom position for DOME ONE



COYOTE® DOME 617 BT UO-GKNN-FFFN



COYOTE® DOME ONE BT UO-GGK-HHNN
(tilted trays)



COYOTE® DOME 622 BT UO-EEEN-AAAAAAA
(midspan (loop-through) cable installation)



Hinged BT Fiber Optic Tray High Short,
Adapter Panel 24x LC

Technical Specifications	DOME 617	DOME 622	DOME ONE
Inputs / Outputs (quantity x range)	4x 2.4–31.8 mm (follow the Configurator – Section 1 – Grommet Selection)	4x 2.4–31.8 mm (follow the Configurator – Section 1 – Grommet Selection)	3x 2.4–31.8 mm (follow the Configurator – Section 1 – Grommet Selection)
Grommets (type and number of used grommets)	Grommet System – 4 pcs	Grommet System – 4 pcs	Grommet System – 3 pcs
Ingress Protection	IP68	IP68	IP68
Impact Protection	IK10	IK10	IK10
Material	PP	PP	PP
Color	black RAL 9005	black RAL 9005	black RAL 9005
Dimensions (H x ø)	463 x 218 mm	574 x 218 mm	–
Dimensions (H x W x D)	–	–	406 x 274 x 145 mm
Weight	4 kg	5 kg	3 kg

Ordering Codes	
On request	Custom Configuration
85100075	COYOTE® DOME 617 BT UO
85100074	COYOTE® DOME 622 BT UO
85100073	COYOTE® DOME ONE BT UO
Follow the Configurator (Section 1)	Grommet Kit Separately
Follow the Configurator (Section 2)	Tray Kit Separately
58810955	Universal Mounting Bracket for DOME Closures
8003835	Universal Mounting Bracket Kit for Underground Chamber
8004004	Stainless Pole and Wall Bracket DOME ONE

• For other variants, please, contact our sales department.

Section 0
Closure

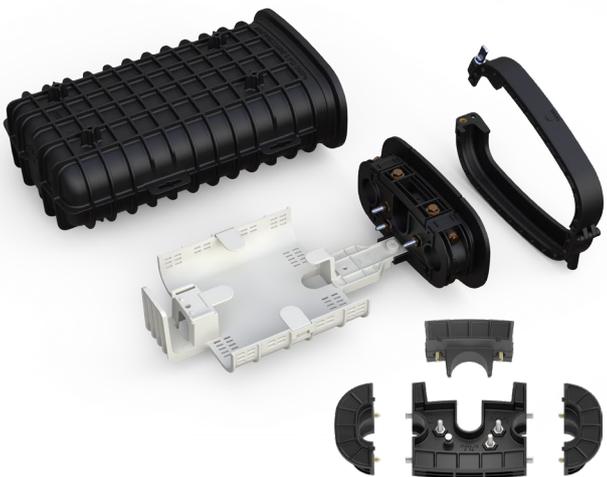
COYOTE® DOME 617 BT UO



COYOTE® DOME 622 BT UO



COYOTE® DOME ONE BT UO



Section 1
Grommet Selection

XXXX

DOME 617

XXX

You have to populate all 3 ports!

DOME ONE

Select grommets as below
(please attention to the max. capacity):

A		Round 45.5 10.2-15.2 mm 8003691
B		Round 45.5 15.2-21.6 mm 8003692
C		Round 45.5 21.6-25.4 mm 8003693
D		Round 45.5 25.4-31.8 mm 8003694
E		Round 45.5 2x 10.7-15.2 mm 8003663
F		Round 45.5 4x 6.4-7.9 mm 8004065
G		Round 45.5 4x 7.6-10.9 mm 8003664
H		Round 45.5 10.7-15.2 mm 6x 3.2-6.4 mm 8003676
I		Round 45.5 8x 2.4-3.2 mm 8004094
J		Round 45.5 8x 3.2-6.4 mm 8003677
K		Round 45.5 12x 7.0 mm 8004217
W		Round 45.5 3x 14.0 mm 50161805
Y		Round 45.5 3x 16.0 mm 50161806
N	NONE	The position remains empty. Do not use the option for DOME ONE!

Section 2 Tray Type and Adapter Panel Selection

DOME 622

XXXXXXXX

XXXXX

Only one type of trays can be used!

XXXXXXXX

XXXXX

XXXX

XX

Only one type of trays can be used!

Select trays and panels as below (please attention to the max. capacity):		
A		SC Short, 48F, for heatshrink 50161367EU
B		SC Short, 48F, for crimp 85100051
CC		SE Short, 12x, for ribbon 80808393
DD		SE Short, 32F, for heatshrink + 3x splitter 85100052
PP		Adapter Panel for DOME ONE and DOME 617 Capacity of up to 12x SC / 24x LC 8546.30/005X
PPP		Adapter Panel for DOME 617 Capacity of up to 24x SC / 48x LC 80813619
N	NONE	The position remains empty

Select trays and panels as below (please attention to the max. capacity):		
E		Hinged BT Tray, Low, Short, 36F, for heatshrink 80813909
F		Hinged BT Tray, Low, Short, 36F, for crimp 85100076
G		Hinged BT Tray, Low, Short, 8x, for ribbon 80813910
HH		Hinged BT Tray, High, Short, 12x, for ribbon 80813911
JJ		Hinged BT Tray, High, Short Adapter Panel Capacity of up to 12x SC / 24x LC 85100078
N	NONE	The position remains empty

Select trays and panels as below (please attention to the max. capacity):		
A		SC Long, 72F, for heatshrink 50160678EU
B		SC Long, 72F, for crimp 85100054
CC		SE Long, 18x, for ribbon 80808395
DD		SE Long, 72F, for heatshrink + 3x splitter 85100055
PPP		Adapter Panel for DOME 622 Capacity of up to 48x SC / 96x LC 80813620
N	NONE	The position remains empty

Select trays and panels as below (please attention to the max. capacity):		
E		Hinged BT Tray, Low, Middle, 72F, for heatshrink 80813964
F		Hinged BT Tray, Low, Middle, 72F, for crimp 85100077
G		Hinged BT Tray, Low, Middle, 12x, for ribbon 80813965
HH		Hinged BT Tray, High, Middle, 24x, for ribbon 80813966
JJ		Hinged BT Tray, High, Middle Adapter Panel Capacity of up to 24x SC / 48x LC 80814463
N	NONE	The position remains empty

Examples of creating a name:

COYOTE® DOME 617 BT UO-ABNN-AAAAAA

COYOTE® DOME 622 BT UO-ABCD-EEJJ

COYOTE® DOME ONE BT UO-EFG-HH

Section 0

Section 1

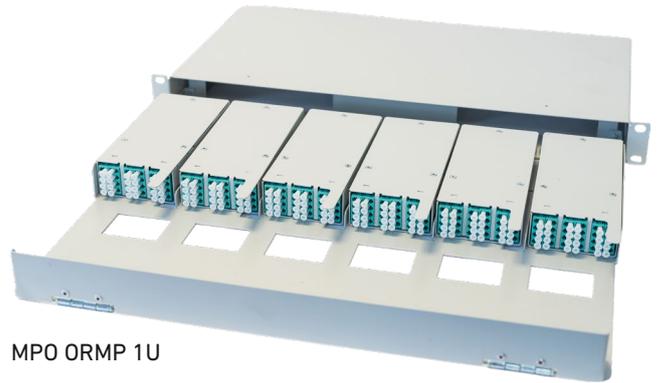
Section 2

MPO ORMP 1U, MPO ORMP 2U

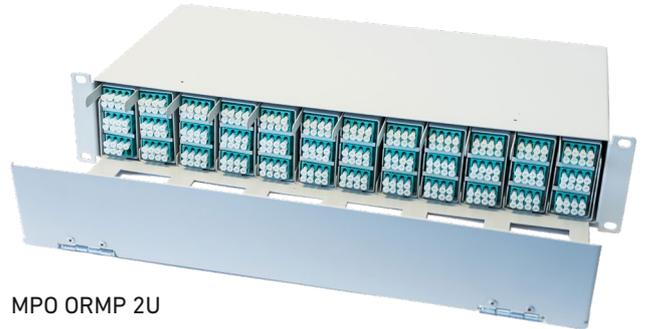
NEW

The Fiber Optic Patch Panels MPO ORMP 1U and MPO ORMP 2U are designed to store up to 6/12 MPO/MTP modules, each with a capacity of up to 24 LC connectors. Both types of the patch panels are installed into a 19" rack and can be supplied pre-assembled.

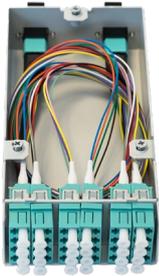
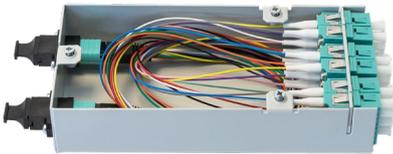
- Capacity of up to 144× LC connector (for MPO ORMP 1U)
- Capacity of up to 288× LC connector (for MPO ORMP 2U)
- Increased corrosion resistance (aluzinc)
- High connector density
- Modular solution
- Optional adding of ranging rings
- Fixing modules using magnets
- Optional pre-assembly with adapters and pigtails



MPO ORMP 1U



MPO ORMP 2U



Module 6× LCQ MPO – OM3 (pre-assembled)



MPO ORMP 1U Back + Front Ranging Rings



MPO ORMP 2U Back + Front Ranging Rings



MPO ORMP 1U with the MPO Connectors

Technical Specifications	
Inputs / Outputs (quantity × range)	open back side
Material	painted steel sheet (aluzinc)
Color	light gray RAL 7035
Dimensions (H × W × D)	44 / 88 × 483 × 350 mm
Weight	3.4 / 3.8 kg

Ordering Codes	
857J.10/005CF	Empty Module
857J.00/002CF	MPO ORMP 1U
857J.30/002CF	MPO ORMP 2U
857J.18/000CF	Set of Ranging Rings – back
85L8.C3/000CF	Set of Ranging Rings UHD ORMP 1U
On request	Module 6× LCQ MPO – OM3 (pre-assembled)

• For other variants, please, contact our sales department.

UHD ORMP 1U, UHD ORMP 2U

NEW **5G READY**

The Fiber Optic Patch Panels UHD ORMP 1U and UHD ORMP 2U are pre-assembled according to customers' exact specifications to begin splicing right out of the carton, so the panels provide substantial labor savings. The panels are made of rugged alu-zinc metal and have a durable powder-coat finish coming in light gray color. The craft-friendly Fiber Optic Trays COYOTE® and an integrated fiber storage allow comfortable assembly.

- Capacity up to 144 splices (for 1U version)
- Capacity up to 288 splices (for 2U version)
- Capacity up to 72× SC / 144× LC connector (for 1U version)
- Capacity up to 144× SC / 288× LC connector (for 2U version)
- Increased corrosion resistance (alu-zinc material)
- High connector density (UHD = Ultra High Density)
- Removable patchcord support
- Depth adjustable 19" mounting brackets
- Including 3 large Fiber Optic Trays with a transparent lid (for 1U version)
- Including 6 large Fiber Optic Trays with a transparent lid (for 2U version)
- Removable Fiber Optic Trays to facilitate easy installation and maintenance
- Space for a fiber storage under the Fiber Optic Trays
- Optional Splice Holders (heat-shrink, crimp, ribbon, etc.)
- Available lower density



UHD ORMP 1U



UHD ORMP 2U



UHD ORMP 1U
144LC (removed trays)

Technical Specifications	
Inputs / Outputs (quantity × range)	2 / 4 × 8–16 mm
Grommets (type and number of used grommets)	2 / 4 × PG16
Material	painted steel sheet (aluzinc)
Color	light gray RAL 7035
Dimensions (H × W × D)	44 / 88 × 483 × 349 mm
Weight	4.4 / 5.8 kg

Ordering Codes	
85L8.00/003XF	UHD ORMP 1U (incl. 3 Fiber Optic Trays)
85L8.00/004XF	UHD ORMP 2U (incl. 6 Fiber Optic Trays)

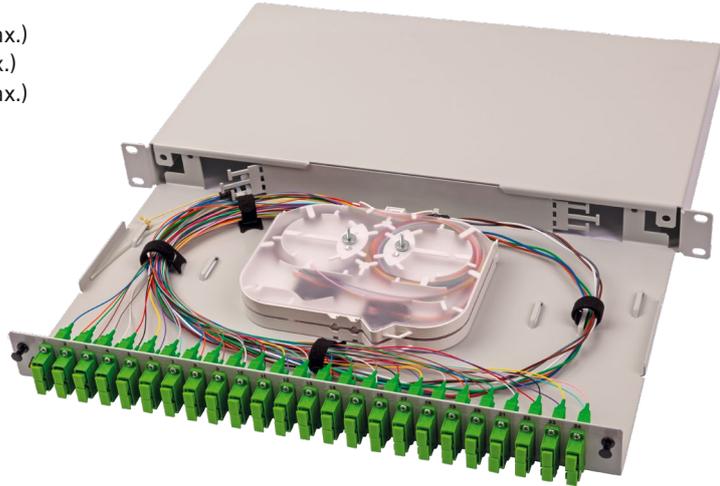
• For other variants, please, contact our sales department.

ORMP 1U BASIC E

NEW **GPON READY** **5G READY**

The Fiber Optic Patch Panel ORMP 1U BASIC E is designed to store up to 96 splices by splicing onto pigtails. The patch panel is installed into a 19" rack and is 1U high. It is supplied without trays and adapters. This solution is highly recommended due to its low price.

- Capacity of up to 96 splices (for EC2)
- Capacity of up to 24× SC / 48× LC connector (for ORMP 1U BASIC E 24/48)
- Capacity of up to 48× SC / 96× LC connector (for ORMP 1U BASIC E 48/96)
- Trays are not included in the patch panel
- Fiber Optic Tray KM 4 for up to 24 splices (3 pcs max.)
- Fiber Optic Tray EC2 for up to 24 splices (4 pcs max.)
- Fiber Optic Tray KM 1 for up to 12 splices (4 pcs max.)
- For SC duplex or LC quad
- Installation into a 19" frame
- Height 1U
- Suitable for all types of networks



Technical Specifications	
Inputs / Outputs (quantity × range)	6× 0–12 mm
Grommets (type and number of used grommets)	6× "T" holder
Impact Protection	IK10
Material	painted steel sheet
Color	light gray RAL 7035
Dimensions (H × W × D)	43.6 × 482.6 × 250 mm
Weight	3 kg

Ordering Codes	
856K.00/017XF	ORMP 1U BASIC E 24/48
856K.00/006XF	ORMP 1U BASIC E 48/96
85C3.79/000X	KM 4 Kit for Heat Shrinkable Protection
85C3.82/000X	KM 4 Kit for Crimp Protection
85C3.81/000X	KM 4 Kit for Ribbon Protection
491711	Fiber Optic Tray EC2
496606	Fiber Optic Tray KM 1
CN0003	Adapter SC/UPC SM, DX, blue, metal clip
CN0004	Adapter SC/APC SM, DX, green, metal clip
CN0035	Adapter LC/UPC SM, QUAD, blue, metal clip
CN0036	Adapter LC/APC SM, QUAD, green, metal clip
CN0020	Pigtail set 12× SC/UPC, SM, G657A 0.9 mm LSZH, 2 m (12-multi color set), easy strip
CN0021	Pigtail set 12× SC/APC, SM, G657A 0.9 mm LSZH, 2 m (12-multi color set), easy strip
CN0031	Pigtail set 12× LC/UPC, SM, G657A 0.9 mm LSZH, 2 m (12-multi color set), easy strip
CN0032	Pigtail set 12× LC/APC, SM, G657A 0.9 mm LSZH, 2 m (12-multi color set), easy strip

- For other variants, please, contact our sales department.

ORMP 1U, ORMP 2U

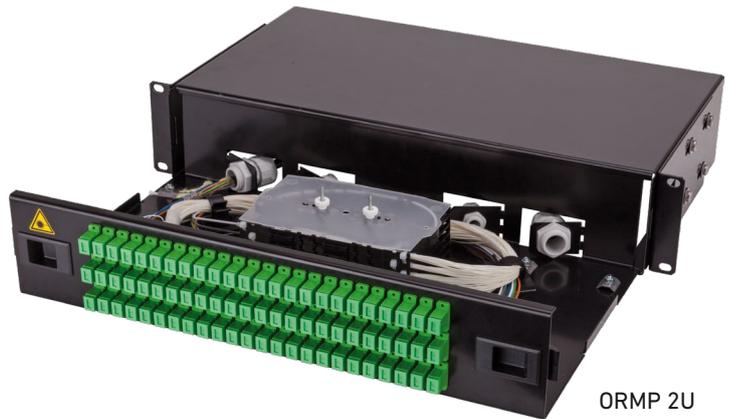
GPON READY **5G READY**

The Fiber Optic Patch Panels ORMP 1U and ORMP 2U are designed for the placement of 12/24/48/72 optical connectors indoors. The design of the patch panels enables to install them into a 19" rack.

- Capacity of 12–72 optical connectors
- Connector panel 12/24/48/72 SC simplex, E2000, LC duplex
- Trays and grommets are not included in the patch panel
- Needle holder of optical splice trays
- Placement of optical fiber reserve
- Self-adhesive cable rings
- Possibility to fit it with PG grommets
- Adjustable mounting brackets
- Easy assembly
- Installation into a 19" base
- Height of 1U/2U



ORMP 1U



ORMP 2U

Technical Specifications	ORMP 1U	ORMP 2U
Inputs / Outputs (quantity × range)	2 × 8–16 mm	2 × 8–16 mm, 2 × 5–8.5 mm
Grommets (type and number of used grommets)	2 × PG16	2 × PG16, 2 × PG9
Temperature Range	–40 °C / +70 °C	–40 °C / +70 °C
Material	painted steel sheet	painted steel sheet
Color	black RAL 9005	black RAL 9005
Dimensions (H × W × D)	44 × 483 × 250 mm	88 × 483 × 250 mm
Weight	3.4 kg	4.3 kg

Ordering Codes	ORMP 1U
85HS.00/BK05F	ORMP 1U 12 × SC / E2000 / LC duplex
85HS.05/BK05F	ORMP 1U 24 × SC / E2000 / LC duplex

• For other variants, please, contact our sales department.

Ordering Codes	ORMP 2U
85HS.09/BK05F	ORMP 2U 48 × SC / E2000 / LC duplex
85HS.10/BK05F	ORMP 2U 72 × SC / E2000 / LC duplex

• For other variants, please, contact our sales department.

ORMPV 1U, ORMPV 2U, ORMPV 3U

GPON READY **5G READY**

The Fiber Optic Patch Panels ORMPV 1U, ORMPV 2U and ORMPV 3U are designed for the placement of 48/144/288 LC optical connectors indoors. The design of the patch panels enables to install them into a 19" rack.

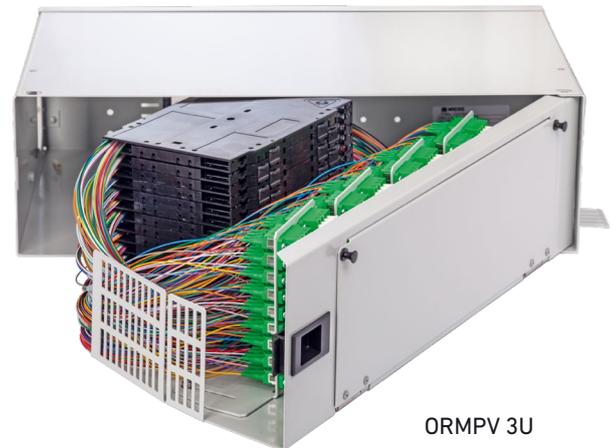
- Capacity of 48/144/288 LC connectors
- Connector holder SC simplex, ST, FC, E2000, LC, SC duplex
- Optical splice tray holder
- Placement of optical fiber reserve
- Self-adhesive cable rings
- Easy assembly
- Installation into a 19" base
- Possibility of rear fastening
- Side depth adjustable 19" mounting kit
- Height of 1U/2U/3U
- Cable entrance from the back or the side



ORMPV 2U



ORMPV 1U



ORMPV 3U

Ordering Codes ORMPV 1U	
8505.80/0AZCF	Without adapter panel and trays
8505.07/000CF	Panel 24× E2000
8505.09/000CF	Panel 36× E2000
8505.12/000CF	Panel 12× E2000
8505.65/000CF	Panel 12× SC DUPLEX / LC QUADPLEX
8563.52/000CF	Panel 24× SC
8563.53/000CF	Panel 36× SC
8563.54/000CF	Panel 12× SC
8505.16/000CF	Panel 24× SC DUPLEX
8505.29/000CF	Panel 24× ST/FC

• For other variants, please, contact our sales department.

Ordering Codes ORMPV 2U	
8563.00/0AZCF	Without adapter panel and trays
8505.27/000CF	Panel 48× E2000
8505.15/000CF	Panel 72× E2000
8505.28/000CF	Panel 48× ST/FC
8563.51/000CF	Panel 48× SC
8563.57/000CF	Panel 72× SC
8505.56/000CF	Panel 96× SC
8505.57/000CF	Panel 96× E2000
8505.84/0000F	Set – 8× Splice tray SK120

• For other variants, please, contact our sales department.

Ordering Codes ORMPV 3U	
85HU.85/00BKF	Without adapter panel and trays
85HU.95/000CF	Panel 144× E2000/SC
8563.69/00AC	Panel 72× LCQ right
8523.45/1200F	Set 12× Fiber Optic Tray KM 1
85H4.07/1212F	Set 12× Fiber Optic Tray EC2

• For other variants, please, contact our sales department.

Adjustable Mounting Kit



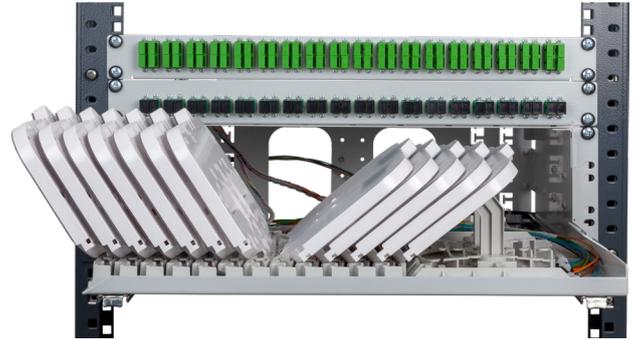
Technical Specifications	ORMPV 1U	ORMPV 2U	ORMPV 3U
Material	painted steel sheet (aluzinc)	painted steel sheet (aluzinc)	painted steel sheet (aluzinc)
Color	light gray RAL 7035	light gray RAL 7035	light gray RAL 7035
Dimensions (H × W × D)	43 × 436 × 280 mm	88 × 436 × 282 mm	132 × 465 × 269 mm
Weight	4 kg	4.6 kg	7 kg

MDF 3U 288S SNP, MDF 3U 288S KM9

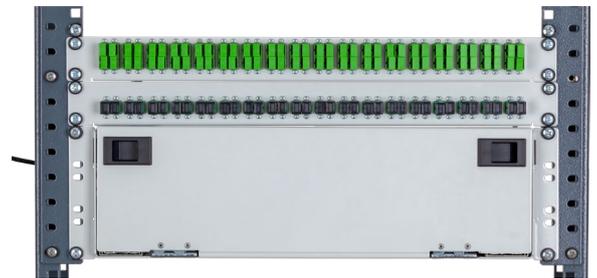
NEW **GPON READY** **5G READY** **FiberRoad**

The Fiber Optic Patch Panels MDF 3U 288S SNP and MDF 3U 288S KM9 are designed to house up to 288 splices using the FiberRoad™ System in a 19" rack, height 3U. The splicing section is placed on a draw-out-type chassis.

- Capacity of up to 288 splices
- Fiber management with flip tray splice system
- Fiber Optic Tray KM 4 for up to 24 splices (for MDF 3U 288S SNP)
- Fiber Optic Tray KM 9 for up to 12 splices (for MDF 3U 288S KM9)
- Trays included in the patch panel
- Draw-out-type splicing section
- Optional placing of PLC Splitters in the management (outside a tray)
- FiberRoad™ System compatible
- Support for ribbon fibers
- Support for adapter panels
- Height 3U
- Suitable for all types of networks



MDF 3U 288S SNP + 2× Panel



MDF 3U 288S SNP + 2× Panel



MDF 3U 288S SNP



MDF 3U 288S SNP



MDF 3U 288S SNP

Technical Specifications	
Material	painted steel sheet (aluzinc)
Color	light gray RAL 7035
Dimensions (H × W × D)	132 × 465 × 273 mm
Weight	7.36 kg

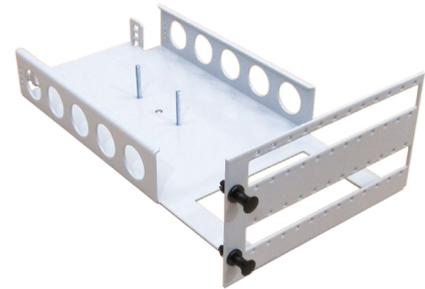
Ordering Codes	
854F.00/001CF	MDF 3U 288S SNP
854F.10/0020F	Panel 36× SC/LCD 1U for MDF SNP
854F.10/0010F	Panel 36× SCD/LCQ 1U for MDF SNP
854F.00/002CF	MDF 3U 288S KM9

• For other variants, please, contact our sales department.

ORMPM 3U/144

The Fiber Optic Patch Panel ORMPM 3U/144 is designed for the placement of 144 optical connectors into 12 vertical modules indoors. It is designed for installation in a 19" rack.

- Capacity 144 optical connectors
- Connector holder SC simplex, E2000
- 12 vertically placed modules
- Placement of optical fiber reserve
- Installation into a 19" frame
- High 3U
- Possibility of installing both the front and the rear support rails
- Possibility of horizontal sliding

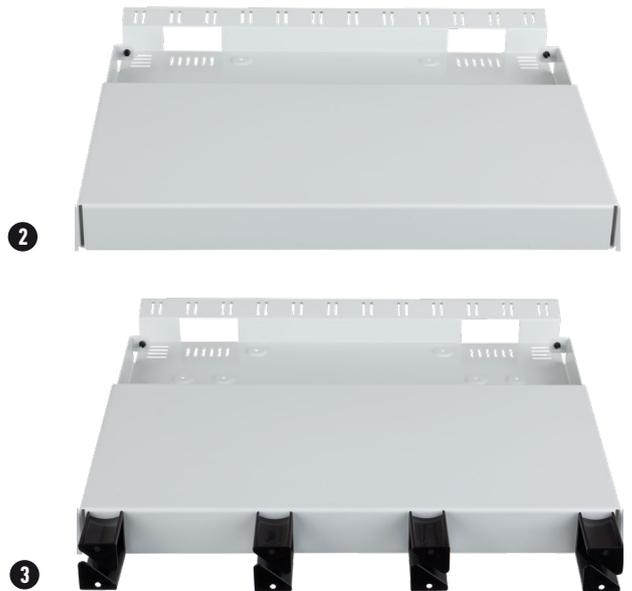


Technical Specifications	
Material	painted AlMg3
Color	light gray RAL 7035
Dimensions (H × W × D)	130 × 483 × 250 mm
Weight	3.2 kg

Ordering Codes	
8562.00/0000F	ORMPM 3U/144 (fixed mounting kit)
8562.10/SC00F	Module 12× SC
85R6.00/0000F	ORMPM 3U/144 PL (adjustable mounting kit)

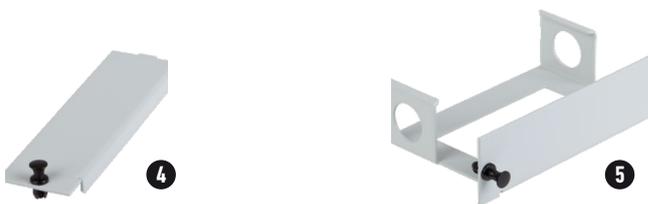
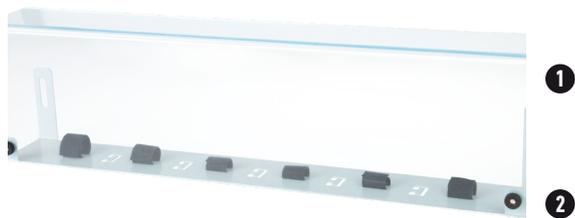
• For other variants, please, contact our sales department.

ACCESSORIES FOR ORMPM



Ordering Codes		Position
8562.25/0000F	Box for reserves 1U	-
8562.15/0000F	Box for reserves 2U	1
8562.34/0000F	Box for reserves – rear entry without rings	2
8562.80/0000F	Box for reserves – rear entry with cable rings	3

• For other variants, please, contact our sales department.



Ordering Codes		Position
8562.18/PLEXF	Plexi for ranging panel	1
8562.18/PAN0F	Ranging panel	2
8562.18/0000F	Ranging panel with plexi	1+2
8562.11/0000F	Cable lead panel ORMPM 3U	3
8562.38/000CF	Blinding panel	4
8562.39/000CF	Blinding module	5
491582	Corrugated tube 4.8 × 7.1 mm	6

• For other variants, please, contact our sales department.

MDO 300

GPON READY
5G READY
FibeRoad

The Fiber High Density Cabinet MDO 300 is used to store up to 1,728 splices and to terminate up to 576 fibers with SC connectors or 1,152 fibers with LC connectors using the FibeRoad™ System. It is a modular solution without cable splitters and without drawing into protective tubes, with a uniform patch cord length of 4 m. The cabinet can be used in central office and for all types of networks.

- Capacity of up to 1,728 splices (for KM 4 and KM 9)
- Capacity of up to 432× SC / 864× LC connector (for KM 5 without the ranging management)
- Capacity of up to 576× SC / 1,152× LC connector (for KM 7 without the ranging management)
- Efficient logistics enabled by flat pack delivery
- Ability to assemble only the Subrack part or the ranging management
- Ability to mix & match the Fiber Optic Trays KM 4, KM 5, KM 6, KM 7, KM 9
- KM 4 and KM 6 for up to 24 splices
- KM 5 for up to 12× SC / 24× LC connector
- KM 7 for up to 8× SC / 16× LC connector (for GPON)
- KM 9 for up to 12 splices
- Uniform patch cord length of 4 m
- Ability to gradually add trays as required
- Modular solution without cable splitter functionality
- Optional placing of PLC Splitters (outside a tray)
- Ability to stack the cabinets sideways or back to back
- Roof mounted cable tray and access
- Increased corrosion resistance (aluzinc)
- FibeRoad™ System compatible
- Suitable for ribbon fibers
- Suitable for all types of networks



MDO – Flat Pack Assembly



MDO – Subrack and Cable Installation



MDO – Installation of KM 5 Trays



MDO – Interconnection inside the Cabinet with Patchcords



MDO – Box for ABS Splitters



MDO – Cable Tray Holder

Technical Specifications	
Inputs / Outputs (quantity × range)	2× (230 × 55) mm
Material	painted steel sheet (aluzinc)
Color	light gray RAL 7035
Dimensions (H × W × D)	2,200 × 300 × 300 mm
Flat Pack Dimensions (H × W × D)	2,350 × 303 × 85 mm
Flat Pack Weight	28 kg

Ordering Codes	
85U5.90/0000F	MDO 300 432/864 (flat pack)
85U5.20/0000F	MDO Subrack
85U5.60/0000F	MDO Side Cover (2 pcs)
85U5.95/0000F	MDO Door 300
85U5.94/0000F	MDO Grate Holder (assembly)
85C3.79/000X	KM 4 Kit for Heat Shrinkable Protection
85C3.83/000X	KM 6 Kit for Heat Shrinkable Protection
85AV.94/0000F	KM 5 Kit for Heat Shrinkable Protection
85C3.86/000X	KM 7 Kit for Heat Shrinkable Protection
On request	MDO Subrack KM 9
85AV.52/000X	KM 9 SC

• For other variants, please, contact our sales department.

MDO 600

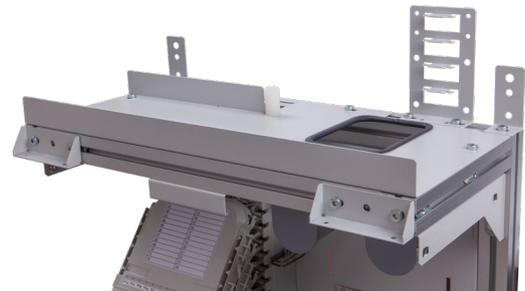
GPON READY 5G READY FibeRoad

The Fiber High Density Cabinet MDO 600 is used to store up to 1,728 splices and to terminate up to 576 fibers with SC connectors or 1,152 fibers with LC connectors using the FibeRoad™ System. It is a modular solution without cable splitters and without drawing into protective tubes, with a uniform patch cord length of 4 m. The cabinet can be used in central office and for all types of networks.

- Capacity of up to 1,728 splices (for KM 4 and KM 9)
- Capacity of up to 432× SC / 864× LC connector (for KM 5)
- Capacity of up to 576× SC / 1,152× LC connector (for KM 7)
- Efficient logistics enabled by flat pack delivery
- Ability to mix & match the Fiber Optic Trays KM 4, KM 5, KM 6, KM 7, KM 9
- KM 4 and KM 6 for up to 24 splices
- KM 5 for up to 12× SC / 24× LC connector
- KM 7 for up to 8× SC / 16× LC connector (for GPON)
- KM 9 for up to 12 splices
- Uniform patch cord length of 4 m
- Ability to gradually add trays as required
- Modular solution without cable splitter functionality
- Optional placing of PLC Splitters (outside a tray)
- Up to 9 PLC Splitters ABS (length 4 m)
- Dimensions of the ABS casing: 80 × 120 mm
- Ability to stack the cabinets sideways or back to back
- Roof mounted cable tray and access
- Increased corrosion resistance (aluzinc)
- FibeRoad™ System compatible
- Suitable for ribbon fibers
- Suitable for all types of networks



MDO Grate Holder



Technical Specifications	
Inputs / Outputs (quantity × range)	2× (230 × 55) mm
Material	painted steel sheet (aluzinc)
Color	light gray RAL 7035
Dimensions (H × W × D)	2,200 × 600 × 300 mm
Flat Pack Dimensions (H × W × D)	2,350 × 603 × 85 mm
Flat Pack Weight	37 kg

Ordering Codes	
85U5.80/0000F	MDO 600 432/864 (flat pack)
85U5.20/0000F	MDO Subrack
85U5.58/0000F	MDO Splitter Box
85U5.60/0000F	MDO Side Cover (2 pcs)
85U5.85/0000F	MDO Door 600
85U5.94/0000F	MDO Grate Holder (assembly)
85C3.79/000X	KM 4 Kit for Heat Shrinkable Protection
85C3.83/000X	KM 6 Kit for Heat Shrinkable Protection
85AV.94/0000F	KM 5 Kit for Heat Shrinkable Protection
85C3.86/000X	KM 7 Kit for Heat Shrinkable Protection
On request	MDO Subrack KM 9
85AV.52/000X	KM 9 SC

• For other variants, please, contact our sales department.

MDO 900

GPON READY 5G READY FibeRoad

The Fiber High Density Cabinet MDO 900 is used to store up to 3,456 splices and to terminate up to 1,152 fibers with SC connectors or 2,304 fibers with LC connectors using the FibeRoad™ System. It is a modular solution without cable splitters and without drawing into protective tubes, with a uniform patch cord length of 4 m. The cabinet can be used in central office and for all types of networks.

- Capacity of up to 3,456 splices (for KM 4 and KM 9)
- Capacity of up to 864× SC / 1,728× LC connector (for KM 5)
- Capacity of up to 1,152× SC / 2,304× LC connector (for KM 7)
- Efficient logistics enabled by flat pack delivery
- Ability to mix & match the Fiber Optic Trays KM 4, KM 5, KM 6, KM 7, KM 9
- KM 4 and KM 6 for up to 24 splices
- KM 5 for up to 12× SC / 24× LC connector
- KM 7 for up to 8× SC / 16× LC connector (for GPON)
- KM 9 for up to 12 splices
- Uniform patch cord length of 4 m
- Ability to gradually add trays as required
- Modular solution without cable splitter functionality
- Optional placing of PLC Splitters (outside a tray)
- Up to 9 PLC Splitters ABS (length 4 m)
- Dimensions of the ABS casing: 80 × 120 mm
- Ability to stack the cabinets sideways or back to back
- Roof mounted cable tray and access
- Increased corrosion resistance (aluzinc)
- FibeRoad™ System compatible
- Suitable for ribbon fibers
- Suitable for all types of networks



MDO Grate Holder



MDO – Flat Pack Assembly



MDO – Subrack and Cable Installation



MDO – Installation of KM 5 Trays



MDO – Interconnection inside the Cabinet with Patchcords



MDO – Box for ABS Splitters



MDO – Cable Tray Holder

Technical Specifications	
Inputs / Outputs (quantity × range)	4× (230 × 55) mm
Material	painted steel sheet (aluzinc)
Color	light gray RAL 7035
Dimensions (H × W × D)	2,200 × 900 × 300 mm
Flat Pack Dimensions (H × W × D)	2,350 × 903 × 85 mm
Flat Pack Weight	47 kg

Ordering Codes	
85U5.70/0000F	MDO 900 864/1728 (flat pack)
85U5.20/0000F	MDO Subrack
85U5.58/0000F	MDO Splitter Box
85U5.60/0000F	MDO Side Cover (2 pcs)
85U5.75/0000F	MDO Door 900
85U5.94/0000F	MDO Grate Holder (assembly)
85C3.79/0000X	KM 4 Kit for Heat Shrinkable Protection
85C3.83/0000X	KM 6 Kit for Heat Shrinkable Protection
85AV.94/0000F	KM 5 Kit for Heat Shrinkable Protection
85C3.86/0000X	KM 7 Kit for Heat Shrinkable Protection
On request	MDO Subrack KM 9
85AV.52/0000X	KM 9 SC

• For other variants, please, contact our sales department.

MDO Subrack

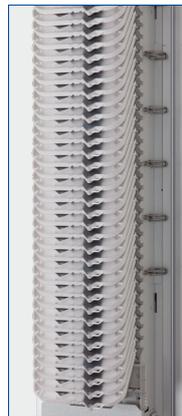
GPON READY 5G READY FibeRoad

The Subrack for Fiber High Density Cabinets MDO is used to store up to 864 splices and to terminate up to 288 fibers with SC connectors or 576 fibers with LC connectors using the FibeRoad™ System. It is a modular solution with a tilt-out system without cable splitters and without drawing into protective tubes.

- Capacity of up to 864 splices (for KM 4 and KM 9)
- Capacity of up to 216× SC / 432× LC connector (for KM 5)
- Capacity of up to 288× SC / 576× LC connector (for KM 7)
- Ability to mix & match the Fiber Optic Trays KM 4, KM 5, KM 6, KM 7, KM 9
- KM 4 and KM 6 for up to 24 splices
- KM 5 for up to 12× SC / 24× LC connector
- KM 7 for up to 8× SC / 16× LC connector (for GPON)
- KM 9 for up to 12 splices
- Ability to gradually add trays as required
- Modular solution without cable splitter functionality
- Optional placing of PLC Splitters (outside a tray)
- Increased corrosion resistance (aluzinc)
- FibeRoad™ System compatible
- Suitable for ribbon fibers
- Suitable for all types of networks



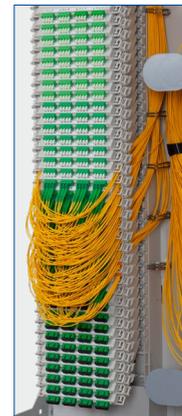
36× KM 6



36× KM 4



18× KM 5



36× KM 7



Tray Combination

Technical Specifications	
Inputs / Outputs (quantity × range)	1 × (230 × 55) mm
Material	painted steel sheet (aluzinc)
Color	light gray RAL 7035
Dimensions (H × W × D)	953 × 240 × 101 mm
Flat Pack Weight	4.5 kg

Ordering Codes	
85U5.20/0000F	MDO Subrack
85C3.79/000X	KM 4 Kit for Heat Shrinkable Protection
85C3.82/000X	KM 4 Kit for Crimp Protection
85C3.81/000X	KM 4 Kit for Ribbon Protection
85AV.94/0000F	KM 5 Kit for Heat Shrinkable Protection
85AV.94/00K2F	KM 5 Kit for Crimp Protection
85AV.94/00R3F	KM 5 Kit for Ribbon Protection
85C3.83/000X	KM 6 Kit for Heat Shrinkable Protection
85C3.85/000X	KM 6 Kit for Crimp Protection
85C3.84/000X	KM 6 Kit for Ribbon Protection
85C3.86/000X	KM 7 Kit for Heat Shrinkable Protection
85C3.88/000X	KM 7 Kit for Crimp Protection
85C3.87/000X	KM 7 Kit for Ribbon Protection
On request	MDO Subrack KM 9
85AV.52/000X	KM 9 SC

• For other variants, please, contact our sales department.

ORSL EE

GPON READY 5G READY

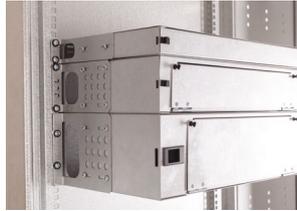
The Fiber High Density Cabinet ORSL EE is designed for the installation of 19" technology indoors. There is space for the placement of the optical interconnected patchcords reserve on the right side. The cabinet is designed for the assembly of 19" optical distribution panels and for the installation of active components only on rear 19" rails.

- Height 44U
- Easy module system
- Cable inputs from bottom or from top
- Easy access to cables and fibers
- Option to terminate all the types of cables and micro ducts
- Horizontal and vertical organization of patchcords
- Easy assembly
- Possibility of right or left version
- Flat pack

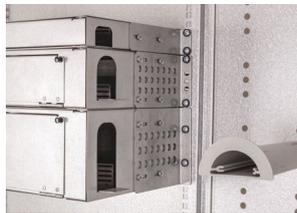
Technical Specifications	
Grommets (type and number of used grommets)	cable inlet
Material	painted steel sheet (aluzinc)
Color	light gray RAL 7035
Dimensions (H x W x D)	2,200 x 1,050 x 300 mm
Weight	90 kg

Ordering Codes	
85GM.50/0000F	ORSL EE basic module
85GM.51/0000F	ORSL EE module 300
85GM.52/0000F	ORSL EE module 150
85GM.53/0000F	ORSL EE door + module cover 300
85GM.54/0000F	ORSL EE door + module cover 150
85GM.55/0000F	ORSL EE door + basic module cover
85GM.56/0000F	ORSL EE set of reels 7 pcs
85GM.57/0000F	ORSL EE cable holder
85GM.60/0000F	ORSL EE roof cover + bottom cover 150
85GM.61/0000F	ORSL EE roof cover + bottom cover 300
85GM.62/0000F	ORSL EE roof cover + bottom cover 600
85GM.63/0000F	ORSL EE lock-door + module cover 300
85GM.64/0000F	ORSL EE lock-door + module cover 150
85GM.65/0000F	ORSL EE lock-door + basic module cover

• For other variants, please, contact our sales department.



Cable Holder



Adjustable Feet



ORMPV 1U



ORMPV 2U



ORMPV 3U



ORSL AP 300, ORSL AP 600

GPON READY **5G READY**

The Fiber High Density Cabinets ORSL AP 300 and ORSL AP 600 are designed for the installation of 19" technology indoors. There is space for the placement of the optical interconnected patchcords reserve on the right side. The cabinets are designed for the assembly of 19" optical distribution boxes and for the installation of active components.

- Height 42U
- Easy module system
- Cable inputs from bottom or from top
- Easy access to cables and fibers
- Option to terminate all the types of cables and micro ducts
- Horizontal and vertical organization of patchcords
- Easy assembly
- Extensive accessories
- Optional final finish
- Possibility of right or left version



ORMPV 1U



ORMPV 2U



ORMPV 3U



ORSL AP 300



Technical Specifications	ORSL AP 300	ORSL AP 600
Inputs / Outputs (quantity x range)	4x brush inlet (220 x 60) mm, 2x brush inlet (160 x 60) mm	2x brush inlet (300 x 60) mm, 4x brush inlet (220 x 60) mm
Grommets (type and number of used grommets)	6x brush inlet	6x brush inlet
Material	painted steel sheet	painted steel sheet
Color	light gray RAL 7035	light gray RAL 7035
Dimensions (H x W x D)	2,000 x 900 x 300 mm	2,000 x 900 x 600 mm
Weight	15 kg	25 kg

Ordering Codes	
85NE.00/0000F	ORSL AP 300
85K6.00/0000F	ORSL AP 600

• For other variants, please, contact our sales department.

FibeRoad™ System

FibeRoad

The FibeRoad™ System was designed to meet the diverse requirements of customers and handle uncertainties in project specifications. With its versatility and ability to adapt to any needs, it is the ideal solution for all types of fiber optic networks.

Its primary advantage is variable capacity, allowing for easy addition of management segments into a classic stacking system. FibeRoad™ can also be used in a cascading tray solution, which is essential for shallow boxes. Additionally, it offers a wide range of fiber optic trays – KM 4, KM 5, KM 6, KM 7 and KM 9 – that can be mixed within one box as required.

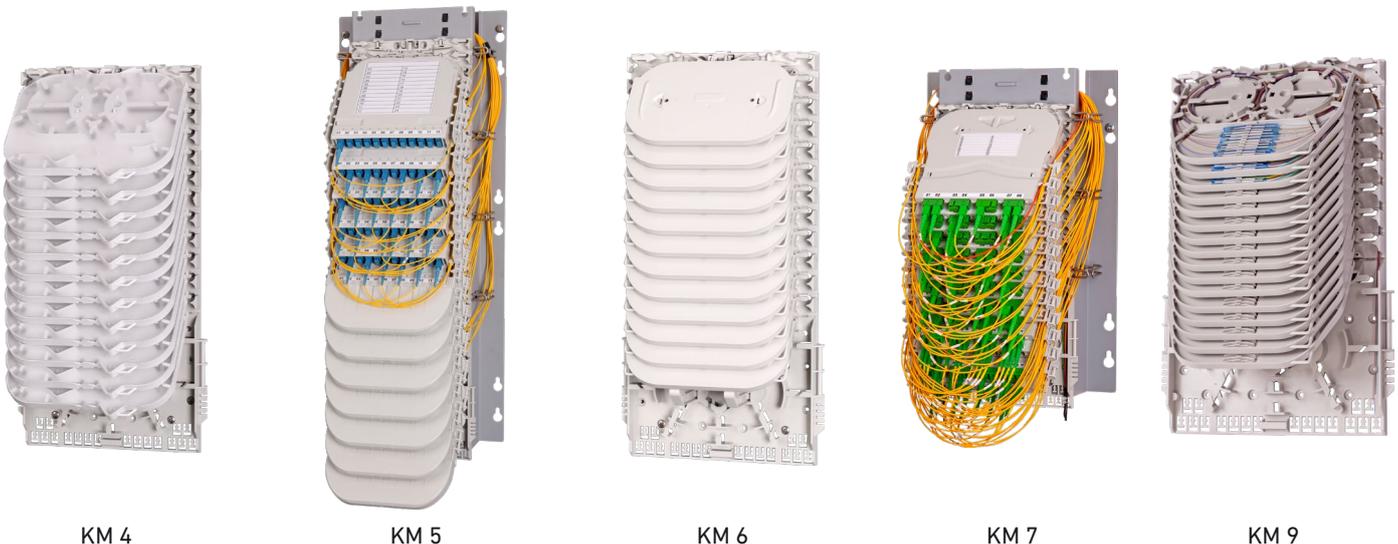
FibeRoad™ is the best fiber management solution for any fiber network, whether GPON or 5G. Its use across all points of network, from small closures to large cabinets, makes deployment and maintenance a routine task.

- Variable capacity: ability to gradually add trays as required
- Accessible stacking system
- Significant space savings through a cascading tray solution
- Ability to mix & match the Fiber Optic Trays KM 4, KM 5, KM 6, KM 7, KM 9
- Initiative patching solution embedded and inclusive with the stacking system
- Optional placing of PLC Splitters (outside a tray)
- Extended space for fiber reserves
- Ability to place fibers in a secondary sheath (pigtail, ø 0.9 mm)
- Suitable for all types of networks
- Suitable for ribbon fibers



Ordering Codes		Position
85C3.21/000X	Management KM P	1
85C3.26/000X	Support Stick (2 pcs needed)	2
85C3.22/000X	Tray Holder KM (for KM 4, KM 5, KM 6 and KM 7)	3
85C3.70/000X	Tray Holder KM 2 (for KM 9)	–

• For other variants, please, contact our sales department.



KM 4

KM 5

KM 6

KM 7

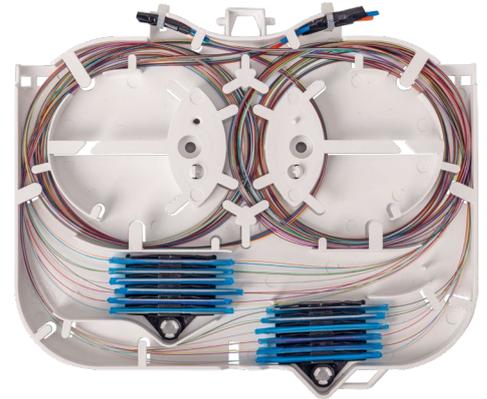
KM 9

KM 4

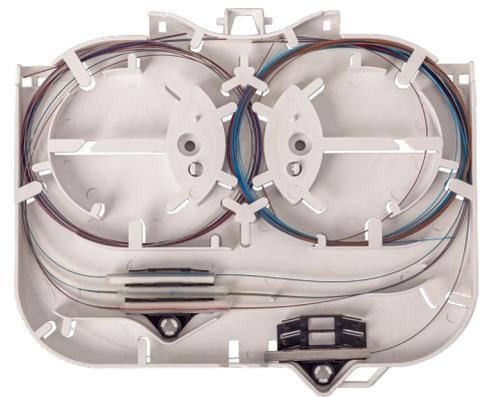
GPON READY
5G READY
FibeRoad

The Fiber Optic Tray KM 4 is designed for up to 24 fibers. It can be used separately mounted on an existing post structure or in conjunction with the FibeRoad™ System. It is compatible with all types of fibers and is very intuitive to use. A full range of Splice Holders is available to ensure compatibility.

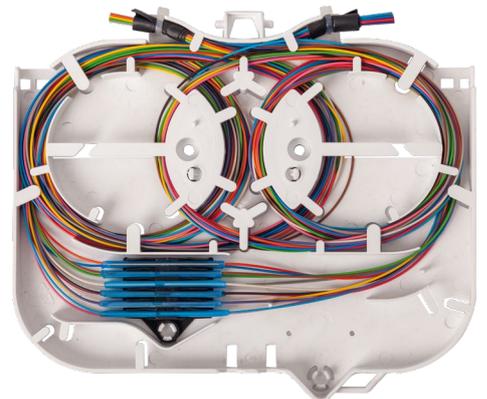
- Capacity of up to 24 splices
- PLC Splitter capability (small format)
- FibeRoad™ System compatible
- Hinged or stackable mounting
- No need to measure fibers before splicing
- Heat shrink splice protector segregation feature
- Ability to store feeder and drop fibers separately
- Ability to change direction of the fiber storage
- Ability to place fibers in a secondary sheath (pigtail, \varnothing 0.9 mm)
- Suitable for ribbon fibers



KM 4 (24 splices)



KM 4 (3x ribbon + splitter)



KM 4 (12 splices, fibers in a secondary sheath)

Technical Specifications	
Flammability Degree	V0
Material	PC / ABS
Color	light gray RAL 7035
Dimensions (H x W x D)	12 x 175 x 149 mm
Weight	0.1 kg

Ordering Codes	
85C3.79/000X	KM 4 Kit for Heat Shrinkable Protection
85C3.82/000X	KM 4 Kit for Crimp Protection
85C3.81/000X	KM 4 Kit for Ribbon Protection
493520	Heat Shrink Splice Protector (compatible with TS 12, 45 x 2.4 mm)

• For other variants, please, contact our sales department.



Splice Holder TS 12
(for heat shrink splices)



Splice Holder TS 18
(for heat shrink splices)



Splice Holder K 12
(for crimp splices)



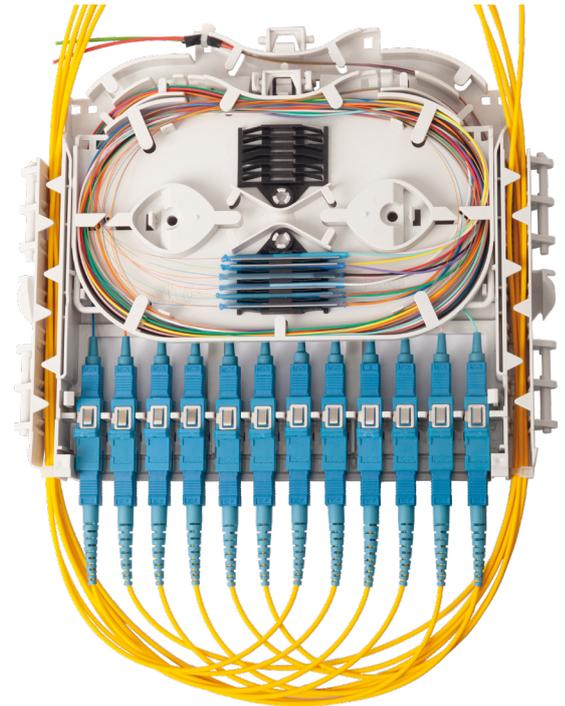
Splice Holder RIB 3
(3x ribbon or splitter 4 x 4 mm)

KM 5

GPON READY 5G READY FibeRoad

The Fiber Optic Tray KM 5 is designed for up to 24 fibers and connectors. Fibers are terminated with pigtails to 12× SC or 24× LC connector – with additional PLC Splitter capacity. Splices are housed within the internal Fiber Optic Tray KM 6. This allows for placing various types of Splice Holders. It is compatible with all types of fibers and is very intuitive to use. It can be used separately or in conjunction with the FibeRoad™ System.

- Capacity of up to 24 splices
- Capacity of up to 12× SC / 24× LC connector
- PLC Splitter capability (small format)
- FibeRoad™ System compatible
- Hinged or stackable mounting
- Reserve space for cable slack in the bottom part of the tray
- Built-in patch cord management
- Patch cord cover
- Ability to change direction of the fiber storage
- Ability to place fibers in a secondary sheath (pigtail, ø 0.9 mm)
- Suitable for ribbon fibers



KM 5 (set)



2× KM 5 (connected by a connecting piece)



KM 5 (FibeRoad™ System – cascade solution)

Technical Specifications	
Flammability Degree	V0
Material	PC / ABS
Color	light gray RAL 7035
Dimensions (H × W × D)	26 × 205 × 179 mm
Weight	0.2 kg

Ordering Codes	
85AV.94/0000F	KM 5 Kit for Heat Shrinkable Protection
85AV.94/00K2F	KM 5 Kit for Crimp Protection
85AV.94/00R3F	KM 5 Kit for Ribbon Protection
85C3.76/000X	KM 5 Kit for Heat Shrinkable Protection (for MDB boxes)
85C3.78/000X	KM 5 Kit for Crimp Protection (for MDB boxes)
85C3.77/000X	KM 5 Kit for Ribbon Protection (for MDB boxes)
493520	Heat Shrink Splice Protector (compatible with TS 12, 45 × 2.4 mm)

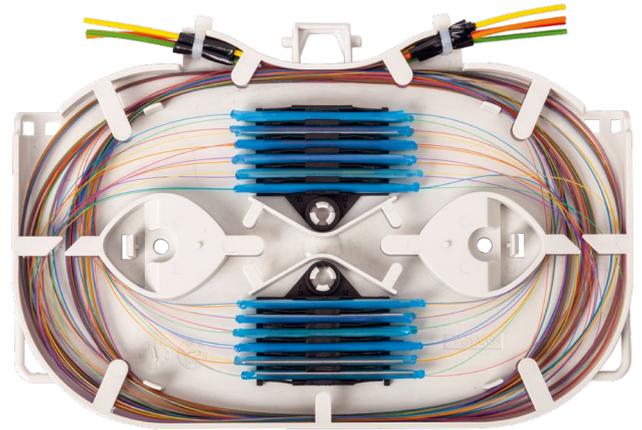
• For other variants, please, contact our sales department.

KM 6

GPON READY 5G READY FibeRoad

The Fiber Optic Tray KM 6 is designed for up to 24 fibers. It can be used separately mounted on an existing post structure or in conjunction with the FibeRoad™ System. It is compatible with all types of fibers. A full range of Splice Holders is available to ensure compatibility.

- Capacity of up to 24 splices
- PLC Splitter capability (small format)
- FibeRoad™ System compatible
- Hinged or stackable mounting
- Ability to change direction of the fiber storage
- Ability to place fibers in a secondary sheath (pigtail, ø 0.9 mm)
- Suitable for ribbon fibers



KM 6 (24 splices, fibers in a secondary sheath)



KM 6 (with a lid and sticker)



Splice Holder TS 12
(for heat shrink splices)



Splice Holder K 12
(for crimp splices)



Splice Holder RIB 3
(3x ribbon or splitter 4 x 4 mm)

Technical Specifications	
Flammability Degree	V0
Material	PC / ABS
Color	light gray RAL 7035
Dimensions (H x W x D)	10 x 160 x 106 mm
Weight	0.1 kg

Ordering Codes	
85C3.83/000X	KM 6 Kit for Heat Shrinkable Protection
85C3.85/000X	KM 6 Kit for Crimp Protection
85C3.84/000X	KM 6 Kit for Ribbon Protection
493520	Heat Shrink Splice Protector (compatible with TS 12, 45 x 2.4 mm)

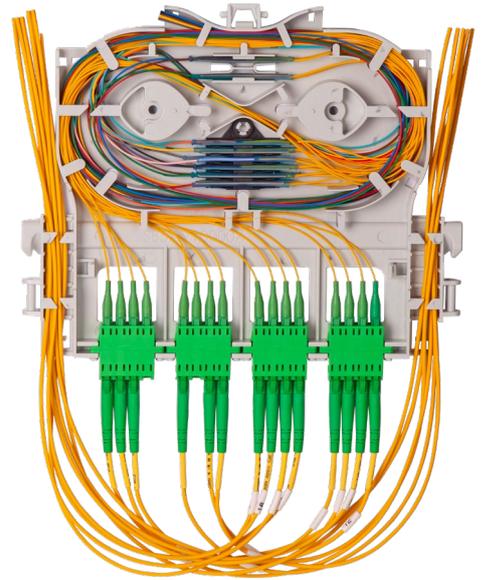
• For other variants, please, contact our sales department.

KM 7

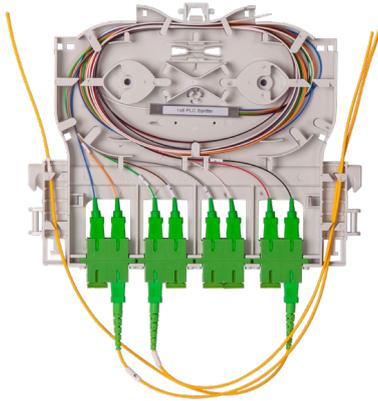
GPON READY
5G READY
FiberRoad

The Fiber Optic Tray KM 7 is designed for up to 16 fibers and connectors. Fibers are terminated with pigtails to 8× SC or 16× LC connector – with additional PLC Splitter capacity. The tray has a built-in holder for 4 splices and also allows for placing various types of Splice Holders. It is compatible with all types of fibers and is very intuitive to use. It can be used separately or in conjunction with the FiberRoad™ System.

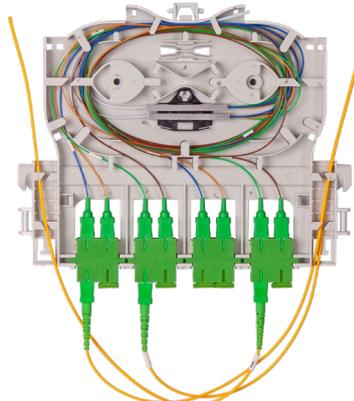
- Capacity of up to 16 splices (a built-in holder for 4 splices)
- Capacity of up to 8× SC / 16× LC connector
- PLC Splitter capability (small format)
- FiberRoad™ System compatible
- Hinged or stackable mounting
- Built-in patch cord management
- Ability to change direction of the fiber storage
- Ability to place fibers in a secondary sheath (pigtail, ø 0.9 mm)
- Suitable for ribbon fibers



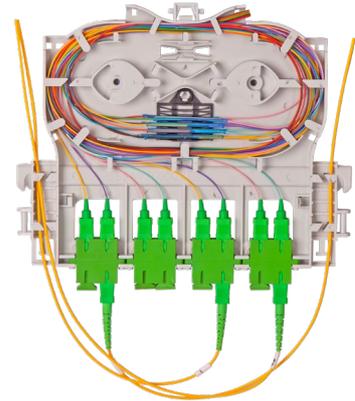
KM 7 (16× LC)



KM 7 (splitter 1:8)



KM 7 (2× splitter 1:4)



KM 7 (8× SC)



Splice Holder TS 12
(for heat shrink splices)



Splice Holder TS 18
(for heat shrink splices)



Splice Holder K 12
(for crimp splices)



Splice Holder RIB 3
(3× ribbon or splitter 4 × 4 mm)

Technical Specifications	
Flammability Degree	V0
Material	PC / ABS
Color	light gray RAL 7035
Dimensions (H × W × D)	12.9 × 205 × 165.8 mm
Weight	0.1 kg

Ordering Codes	
85C3.86/000X	KM 7 Kit for Heat Shrinkable Protection
85C3.88/000X	KM 7 Kit for Crimp Protection
85C3.87/000X	KM 7 Kit for Ribbon Protection
493520	Heat Shrink Splice Protector (compatible with TS 12, 45 × 2.4 mm)

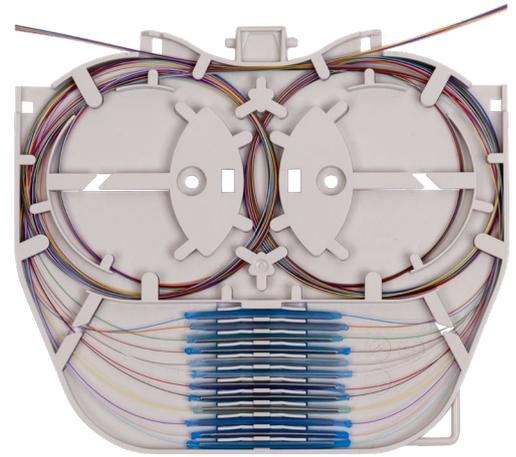
• For other variants, please, contact our sales department.

KM 9

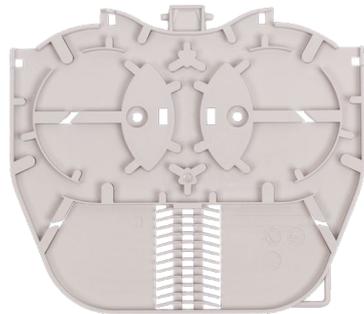
NEW **GPON READY** **5G READY** **FiberRoad**

The Fiber Optic Tray KM 9 is designed for up to 12 fibers. It can be used separately mounted on an existing post structure or in conjunction with the FiberRoad™ System. The tray includes an integrated Splice Holder for heat shrinkable and crimp protection. The tray is very intuitive to use.

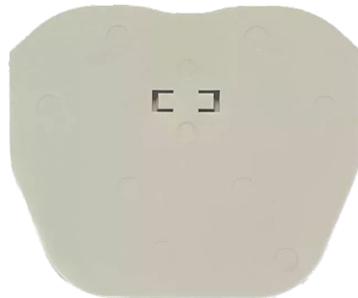
- Capacity of up to 12 splices
- Integrated Splice Holder
- FiberRoad™ System compatible
- Hinged or stackable mounting
- No need to measure fibers before splicing
- Heat shrink splice protector segregation feature
- Ability to store feeder and drop fibers separately
- Ability to change direction of the fiber storage
- Ability to place fibers in a secondary sheath (pigtail, ø 0.9 mm)
- Splice Holder compatible with crimp protection



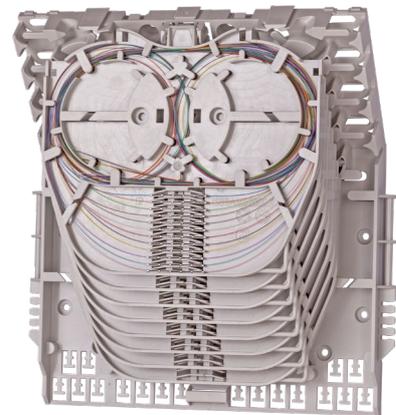
KM 9 (12 splices, fibers in a sheath 0.25 mm)



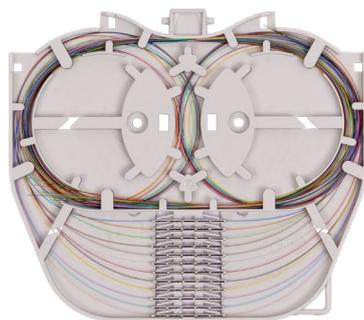
KM 9 (empty tray)



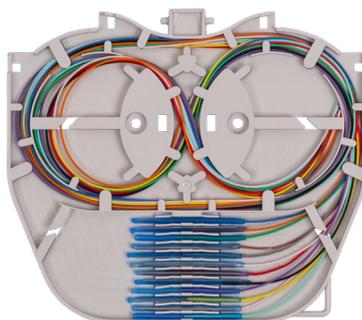
Lid for KM 9 SC



KM 9 (FiberRoad™ System – cascade solution)



KM 9 (12 splices, fibers in a sheath 0.25 mm, crimp protection)



KM 9 (12 splices, fibers in a secondary sheath 0.9 mm)



KM 9 (FiberRoad™ System)

Technical Specifications	
Flammability Degree	V0
Material	PC / ABS
Color	light gray RAL 7035
Dimensions (H x W x D)	6.4 x 148.3 x 130.1 mm
Weight	0.04 kg

Ordering Codes	
85AV.52/000X	KM 9 SC
85C3.70/000X	Tray Holder KM L
493520	Heat Shrink Splice Protector (compatible with TS 12, 45 x 2.4 mm)
85AV.49/000X	Lid for KM 9 SC

• For other variants, please, contact our sales department.

SAFeTNET System

SAFeTNET



1



2



3

Ordering Codes		Position
50161047	Subscriber unit kit	1
50161004	Element unit kit	2
8506.59/0000F	SS splice trays module	3
8510.21/0000	SE, SC module lid	-

• For other variants, please, contact our sales department.

SFMS System

SFMS



1



3



5



7



2



4



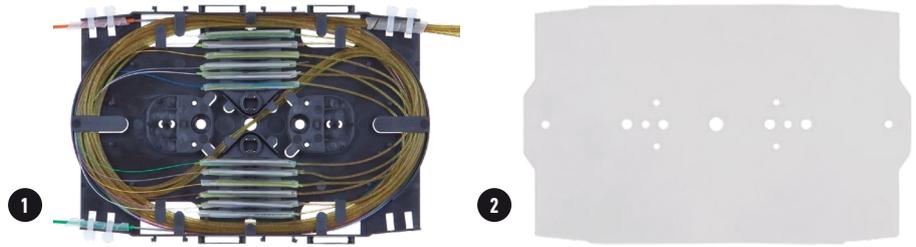
6

Ordering Codes		Position
80811933	SC Short, 6F, Heat Shrinkable Protection	1
50161402	SC Short, 12F, Crimp Protection	2
80811935	SE Short, 12F, Heat Shrinkable Protection	3
80812916	SE Short, 4x Ribbon or 4x Splitter, Ribbon Protection	4
80812456	SC Long, 12F, Heat Shrinkable Protection	5
85100030	SC Long, 24F, Crimp Protection	6
50161971	SC Long, 24F + Splitter, Heat Shrinkable Protection	7

• For other variants, please, contact our sales department.

KM 1

- Placement of 12 splices
- Material – plastic
- The possibility of a packet assembly
- Recommended for distributor range ORM, ORMP, ORMPV, SNM, ORMPM



Technical Specifications	
Flammability Degree	HB
Material	ABS
Color	black RAL 9005
Dimensions (H x W x D)	8 x 152 x 102 mm
Weight	0.1 kg

Ordering Codes		Position
496606	KM 1	1
8510.12/0000	Lid for KM 1	2

• For other variants, please, contact our sales department.

KM 2

- Placement of up to 12 splices
- Material – plastic
- Recommended for ORM 5



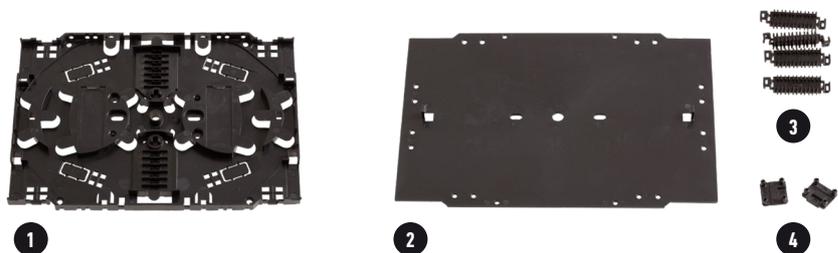
Technical Specifications	
Flammability Degree	HB
Material	ABS
Color	black RAL 9005
Dimensions (H x W x D)	10 x 116 x 87 mm
Weight	0.1 kg

Ordering Codes		Position
8523.42/0000	KM 2 + lid	
491303	TS 8 - 8 position splice holder (heatshrink)	
85M9.16/0000	Splice Holder TS 12 (for heat shrink splices)	

• For other variants, please, contact our sales department.

EC2

- Placement of 24 splices
- Material – plastic
- The possibility of a packet assembly
- Recommended for distributor range ORM 48



Technical Specifications	
Color	black RAL 9005
Dimensions (H x W x D)	8 x 172 x 110 mm
Weight	0.1 kg

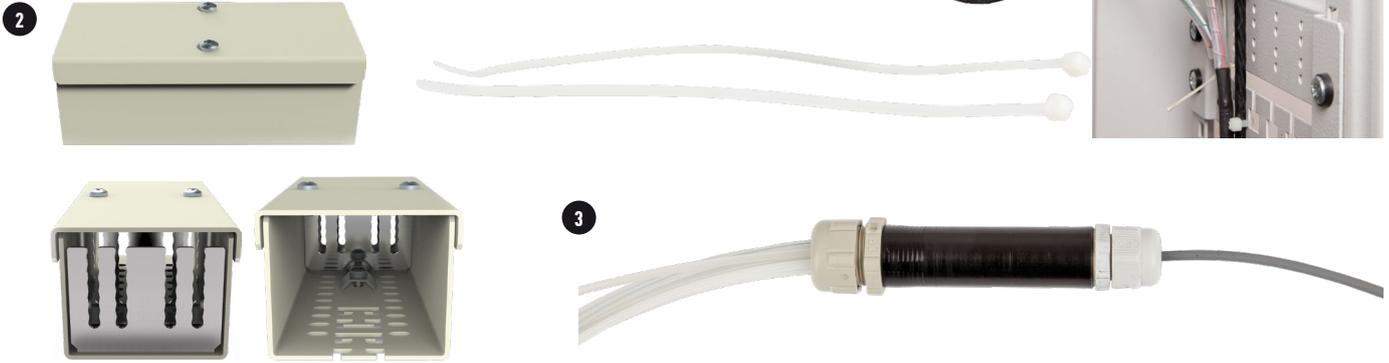
Ordering Codes		Position
491711	EC2	1
491712	Lid for EC2	2
492001	Splice comb for pigtails for EC2	3
491713	Hinge for EC2	4

• For other variants, please, contact our sales department.

Cable Splitter

The Cable Splitter is used to divide the optical fibres of one cable into several protection tubes of 6× ø 5 mm (No. 1), 24× ø 5 or 4 mm (No. 2), 8× 3 mm (No. 3).

- Maximum capacity of 288 fibers in cable
- Range of cables used ø 5.4–20 mm



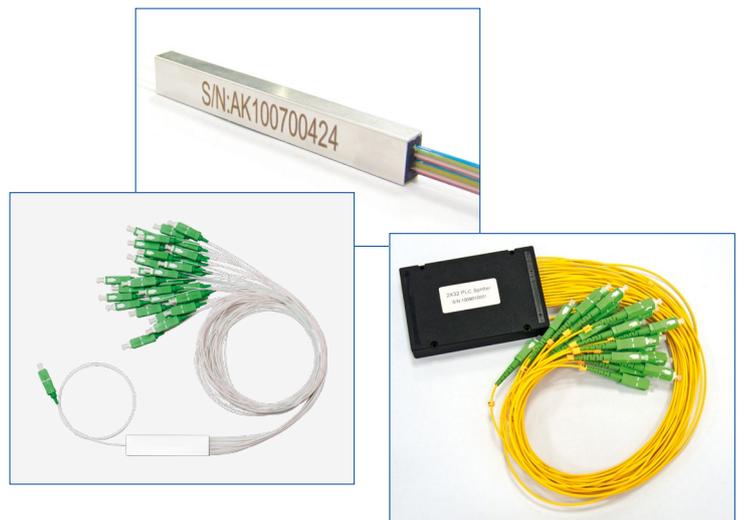
Ordering Codes		Position
85H2.05/BAL0F	Cable splitter 1:6	1
852X.60/0000F	Cable splitter 1:24	2
85FH.00/0000F	Cable splitter 1:8	3

• For other variants, please, contact our sales department.

PLC Splitter

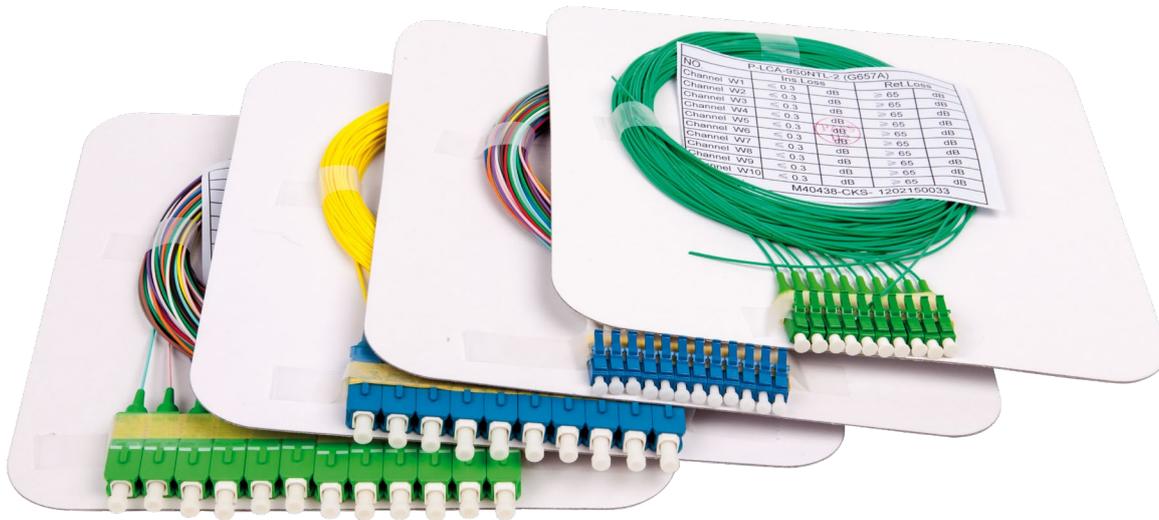
The PLC Splitter splits one or two optical signals into multiple output ports and features low insertion loss, high uniformity and low polarization dependent loss.

- Compact design
- High Reliability
- Customized packing and configuration
- Available configuration: 1:2–1:64 and 2:4–2:64
- Bare fiber
- Fan-out
- 900 µm
- Pre-installed in splice tray
- Pre-installed in ODF or ODB



Technical Specifications
Low insertion loss and low PDL
Wide wavelength (1,260 nm-1,650 nm)
Operation temperature (-40 °C to +85 °C)
Fulfill Telecordia GR-1209-CORE and GR-11221-CORE

Patchcords and Fiber Optic Pigtails



Ordering Codes	
CN0273	Pigtail set 12× LC/UPC, SM, G657A1 0.9 mm LSZH, 2 m (12-multi color set), easy strip
CN0032	Pigtail set 12× LC/APC, SM, G657A 0.9 mm LSZH, 2 m (12-multi color set), easy strip
CN0053	Pigtail set 12× SC/UPC, SM, G657A 0.9 mm LSZH, 2 m (12-multi color set), easy strip
CN0021	Pigtail set 12× SC/APC, SM, G657A 0.9 mm LSZH, 2 m (12-multi color set), easy strip

• For other variants, please, contact our sales department.

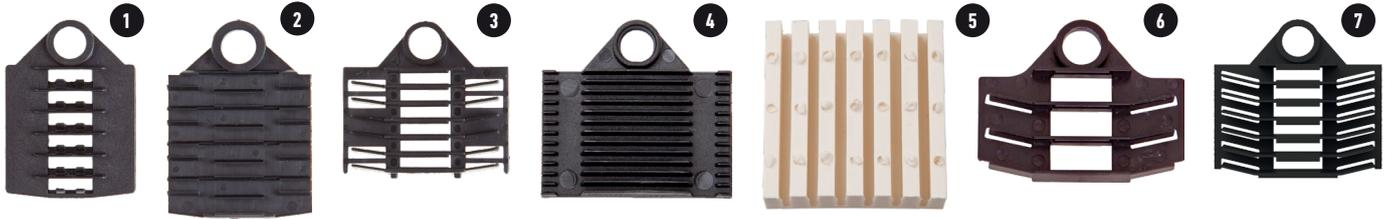
Optical Adapters



Ordering Codes	
CN0001	Adapter SC/UPC SM, SX, blue, metal clip
CN0003	Adapter SC/UPC SM, DX, blue, metal clip
CN0005	Adapter LC/UPC SM, DX, blue, with SC footprint, metal clip
CN0002	Adapter SC/APC SM, SX, green, metal clip
CN0004	Adapter SC/APC SM, DX, green, metal clip
CN0006	Adapter LC/APC SM, DX, green with SC footprint, metal clip

• For other variants, please, contact our sales department.

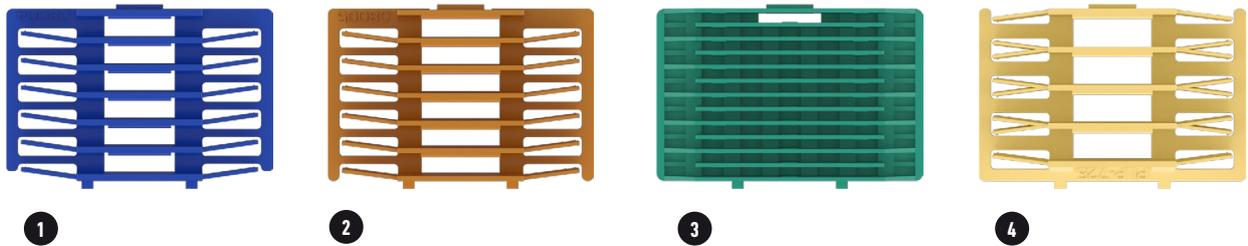
Splice Holders and Heatshrinks



Ordering Codes		Position
491481	TS 6 – 6 position splice holder (heatshrink)	1
491303	TS 8 – 8 position splice holder (heatshrink)	2
85M9.16/0000	TS 12 – 12 position splice holder (heatshrink)	3
85M9.28/0000	TS 18 – 18 position splice holder (heatshrink)	7
85M9.17/0000	K 12 – 12 position splice holder Crimp	4
8541.35/BALOF	CTS 12 – 37.5 × 40 × 8 mm – Rubber 12 position splice holder (heatshrink)	5
495241	RIB 3 – 3 position splice holder Ribbon or splitter 4 × 4 mm	6
493519	Heatshrink L=40mm D=2.4mm – compatible with TS 12 and TS 18	–
493520	Heatshrink L=45mm D=2.4mm – compatible with TS 12 and TS 18	–
493522	Heatshrink L=40mm D=2.6mm – compatible with TS 6 and TS 8	–
493523	Heatshrink L=45mm D=2.6mm – compatible with TS 6 and TS 8	–
493524	Heatshrink L=60mm D=2.6mm – compatible with TS 6 and TS 8	–

• For other variants, please, contact our sales department.

Splice Holders for SFMS Trays



Ordering Codes		Position
80808004	Splice Block, 6F, Blue	1
80808005	Splice Block, 12F, Orange	2
80808018	Splice Block, 12F, Crimp, Green	3
80812439	Splice Block, 4, Ribbon, Mustard	4

• For other variants, please, contact our sales department.

Grommets



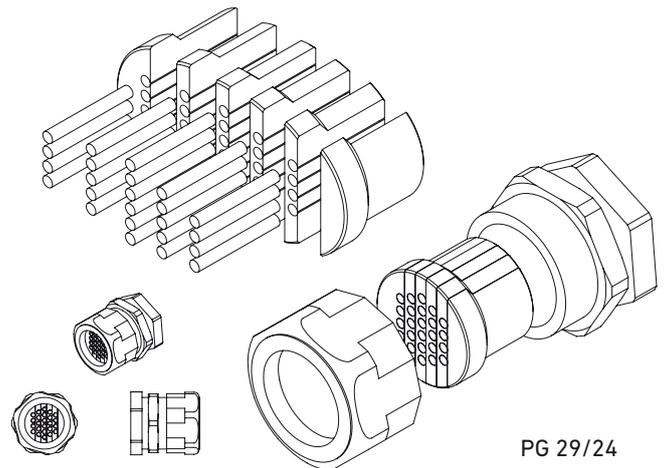
Ordering Codes		Position
85BV.25/0000F	PG 7	1
391900	PG 9	2
301000	PG 13.5	3
301100	PG 16	4
341000	PG 29	5

• For other variants, please, contact our sales department.



Ordering Codes		Position
85BV.25/0MVLF	PG 7 (3× 1.6–2.6 mm)	1
8580.67/0000F	PG 16 (2× 3 mm)	2
8580.68/0000F	PG 16 (4× 3 mm)	3
8580.66/0000F	PG 16 (4× 5 mm)	4
8560.23/1000F	PG 29 (12× 3 mm)	5
8523.30/0000F	PG 29 (24× 3 mm)	6

• For other variants, please, contact our sales department.



PG 29/24

Express Port

The Express Port for mid-span access allows optical cable installation into a box/cabinet as a loop and its use for only needed fibers – the rest passes through the box/cabinet.

- 1. Express port I. (2× 3–9 mm and 9× 1.8–5 mm)
- 2. Express port II. (2× 3–13 mm and 16× 1.8–5 mm or 8× 11–12 mm)



Technical Specifications	
Material	onflex
Color	light gray RAL 7035
Dimensions (H × W × D)	19 × 89 × 15 mm
Weight	0.02 kg

Ordering Codes		Position
85K3.07/S000	Express port I.	1
85K3.99/0000	Express port II.	2

• For other variants, please, contact our sales department.

Ranging Rings and Protective Tubes



Ordering Codes		Position
8201.02/0300	Big ring	1
8201.01/0100	Small ring	2
490471	Plastic ring 40 × 80 mm	3
490550	Plastic ring 40 × 50 mm	4
490824	Plastic ring 80 × 80 mm	5
8506.12/0000F	Protective tube 3/2.1 mm, 50 m	6
8506.17/0000F	Protective tube 5/3.5 mm, 30 m	7

• For other variants, please, contact our sales department.

Fixing Material

Ordering Codes		Position
490360	Strap SCOTCHFLEX 20 mm × 10 m	1
492790	3M adhesive tape for the fibers fixation in optical splice tray	2
490543	Spiral tape 4 mm	3
490544	Spiral tape 6 mm	3

• For other variants, please, contact our sales department.



MNORS

The Wall-Mounted Data Cabinet MNORS is designed for the placement of 672 optical connectors indoors and outdoors.

- Capacity of 672 optical connectors
- Height 14U
- Possibility to install 19" hinged ODF ORMPV
- Easy access to cables and fibers
- E2000 or SC connector panel
- Easy module system
- Easy manipulation with connecting patchcords
- 2× two-point lock
- It enables to install active components
- Cable inputs/outputs from bottom or from top
- Recommended patchcord diameter 1.8 mm

Technical Specifications	
Inputs / Outputs (quantity × range)	24× 8–12 mm
Grommets (type and number of used grommets)	24× PG13.5
Ingress Protection	IP54
Material	painted steel sheet
Color	light gray RAL 7035
Dimensions (H × W × D)	930 × 700 × 366 mm
Weight	39 kg

Ordering Codes	
85JN.40/ST00F	MNORS Indoor
85JN.20/ST00F	MNORS Outdoor

- For other variants, please, contact our sales department.



ORMPV 1U



ORMPV 2U



ORMPV 3U

MNS

The Wall-Mounted Data Cabinet MNS is designed for the installation of 19" technology onto a wall indoors. Sliding supporting bars are used to install 19" technology.

- Base dimensions 550 × 570 mm
- Height 4U, 6U, 9U, 12U, 15U and 17U
- Lockable door
- Sliding bars for fastening 19" technology



Technical Specifications	
Ingress Protection	IP20
Material	painted steel sheet
Color	light gray RAL 7035

Ordering Codes	Base dimensions [mm]	Height [mm]	Height [U]	Weight [kg]
8670.00/09A0C1UU-32--	550 × 570	506	9	26
8670.00/12A0C1UU-32--	550 × 570	640	12	31
8670.00/15A0C1UU-32--	550 × 570	773	15	37
8670.00/17A0C1UU-32--	550 × 570	862	17	40

- For other variants, please, contact our sales department.

MBS

The Wall-Mounted Data Cabinet MBS is designed for the installation of 19" technology onto a wall indoors. The cabinet allows technology to be installed vertically, which makes it ideal for limited spaces.

- Maximum base dimensions 600 × 215 , 600 × 260, 600 × 350 mm
- Size of 3U, 4U, 6U
- Vertical placement of the technology
- Space saving
- Sliding bars for fastening 19" technology



Technical Specifications	
Ingress Protection	IP20
Material	painted steel sheet
Color	light gray RAL 7035

Ordering Codes	Base dimensions [mm]	Height [mm]	Height [U]	Weight [kg]
8610.00/0300C4-----	600 × 215	535	3	18
8610.00/0400C4-----	600 × 260	535	4	20
8610.00/0600C4-----	600 × 350	535	6	22

- For other variants, please, contact our sales department.

FDHM 19" 24U

NEW

GPON READY

5G READY

The 19" Rack FDHM 19" 24U is designed to store passive technology into a 19" frame with capacity of 24U. A cable management for a uniform patch cord length of 4 m is included. The capacity is up to 1,728 SC or 3,456 LC connectors using the Fiber Optic Patch Panel UHD ORMP. The rack can be used as a larger distribution point for all types of networks.

- Capacity of up to 3,456 splices (for UHD ORMP)
- Capacity of up to 1,728× SC / 3,456× LC connector (for UHD ORMP)
- Scalable through gradual adding of patch panels
- PLC Splitter capability
- Uniform patch cord length of 4 m
- Three-point lock
- Increased corrosion resistance (AlMg3)
- Increased water ingress resistance (IP55)
- Installation on prepared concrete base
- Suitable for all types of networks



Fiber Optic Patch Panels UHD ORMP



Fiber Optic Patch Panels ORMP



Fiber Optic Patch Panels ORMPV



Technical Specifications	
Inputs / Outputs (quantity × range)	6 × 23–46 mm
Grommets (type and number of used grommets)	6 × rubber grommet ø 50 mm
Ingress Protection	IP55
Impact Protection	IK10
Material	painted AlMg3
Color	light gray RAL 7035
Dimensions (H × W × D)	1,347 × 930 × 490 mm
Weight	49 kg

Ordering Codes	
854T.65/000XF	FDHM 19" 24U

- For other variants, please, contact our sales department.

MSS

The 19" Rack MSS is designed for the installation of 19" or 21" technology indoors (dimension of the base 600 × 600 mm and larger). Its unique design enables an easy assembly at the point of installation and substantial reduction of its weight.

- Assembled frame
- Sliding supporting rails
- Removable side covers
- Possibility of assembling a set of cabinets
- Variable base dimensions (up to the depth of 1,070 mm)
- Coverage degree IP 20 to EN 60529
- Loading capacity data cabinets: 300 kg

Technical Specifications	
Ingress Protection	IP20
Material	painted steel sheet
Color	light gray RAL 7035

Ordering Codes	Base dimensions [mm]	Height [U]	Height [mm]	Weight [kg]
8872.00/42A0CFU1-111--	600 × 600	42	2,050	87
8872.00/45A0CFU1-111--	600 × 600	45	2,185	93

- For other variants, please, contact our sales department.



ACCESSORIES FOR MSS

BASE

The bases are provided with three breakable inlets (300 × 65 mm).

Ordering Codes	Base dimensions [mm]	Height [mm]	Color
8872.38/10A1F	600 × 600	120	RAL 7035 lt. gray
8872.38/10D1F	600 × 800	120	RAL 7035 lt. gray
8872.38/10B1F	800 × 800	120	RAL 7035 lt. gray

- For other variants, please, contact our sales department.



SPACER LEGS

The spacer legs, with adjustable height and inclinable surface contact, allow for the possible unevenness of the floor.

Ordering Codes	Setting range [mm]	Loading capacity [kg]	No. in one pack
8A62.97/0000F	0-25	400	4

- For other variants, please, contact our sales department.



CASTORS

The castors wheels make the handling of the MSS stand cabinets easier.

Ordering Codes	Loading capacity [kg]	No. in one pack
8A62.96/0000F	300	2 with a brake, 2 without a brake
8A62.96/0003F	600	2 with a brake, 2 without a brake

- For other variants, please, contact our sales department.



MSS 22U/55

The 19" Rack MSS 22U/55 is designed for the installation of 19" technology outdoors. Its design enables opening of side covers, which considerably simplify the installation of the technology. It may be fitted with an air-conditioning unit upon customer's request.

- Enables the installation of 19" technology
- Coverage degree IP 55 to EN 50102

BASIC VERSION

Base dimensions of 600 × 600 mm
Physical height of the stand: 600 mm
Physical height of the case without the stand: 1,100 mm
Installation height 22U
Side covers may be opened during installation
2 pairs of sliding vertical 19" rails
Three-point lock
Thermal insulation
Heating equipped with a thermostat
1 × ventilator (220 V) equipped with a thermostat
PG openings in the bottom
Coverage degree IP 55 to EN 50102
Material: stainless steel sheet
Light-grey finish RAL 7035



Technical Specifications	
Inputs / Outputs (quantity × range)	2 × 36–44 mm, 18 × 8–16 mm
Grommets (type and number of used grommets)	2 × PG48, 18 × PG16
Ingress Protection	IP55
Material	painted steel sheet
Color	light gray RAL 7035
Dimensions (H × W × D)	1,100 × 600 × 600 mm
Weight	95 kg

Ordering Codes	
8622.00/2200F	MSS 22U/55

- For other variants, please, contact our sales department.

SMARTCAB SAP 4

NEW EN 60 529 - IP55 EN 62 262 - IK10 EN 62 208 ed.2:2012

The SMARTCAB SAP 4 series of outdoor cabinets represents a modern and reliable solution for protecting technological equipment in demanding climatic conditions.

The cabinets are made of durable 1.5 mm thick aluzinc sheet metal, which ensures excellent mechanical strength and long-term corrosion resistance. The construction is complemented by 30 mm thick internal insulation, which significantly reduces thermal fluctuations inside the cabinet and protects sensitive technologies from weather extremes. Thanks to these properties, the SMARTCAB SAP 4 series is suitable for a wide range of applications – from urban environments to free-standing installations in the open countryside.

SMARTCAB SAP 4 is designed with versatility and customization in mind. All commonly used cooling options are available – including industrial fans and door air conditioners – as well as heating systems for winter operation. These options ensure a stable and controlled environment inside the cabinet regardless of the external temperature conditions. This ensures trouble-free operation of sensitive electronics and extends their service life.

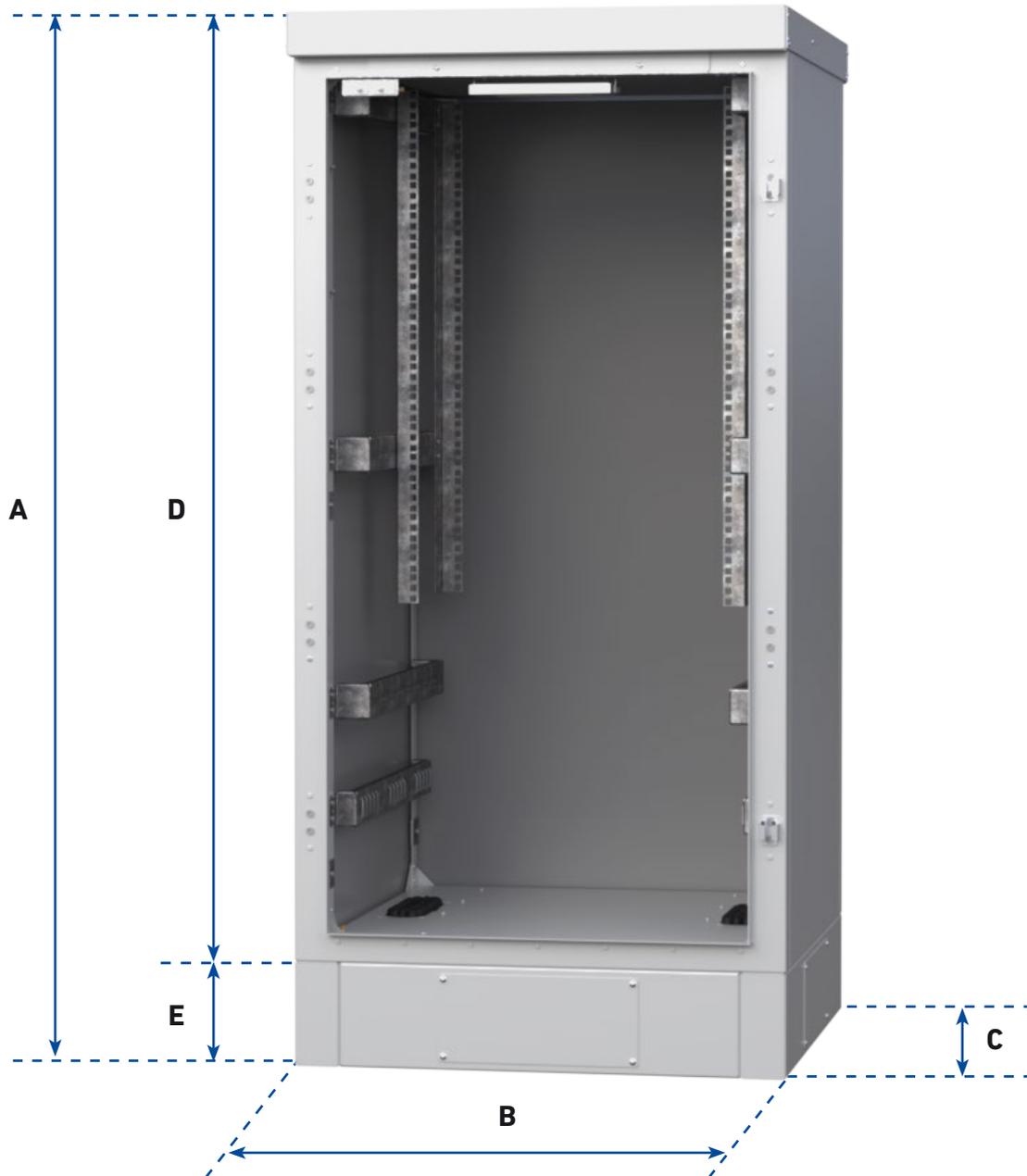
Building on our experience with outdoor installations, the SMARTCAB SAP 4 solution combines quality materials, thoughtful design and extensive customization options. It is the ideal choice for those looking for a robust yet flexible solution for outdoor telecommunications, energy or other technology applications.

The design of the cabinet allows for easy disassembly and subsequent assembly into blocks, enabling it to pass through narrow spaces, such as tight shafts for penetrating the roofs of apartment buildings and similar areas.

Surface protection – polyester powder coating with UV protection, RAL 7035.

The underground base is designed for outdoor use without the need for a concrete foundation. Its five-part modular structure allows for easy handling and installation without crane equipment. The hot-dip galvanized surface ensures long-term durability, while the robust construction is engineered to withstand high load from the cabinet.





Outdoor Cabinet					
Maximum Occupancy		26U	26U	37U	37U
Height	D	1,350 mm	1,350 mm	1,850 mm	1,850 mm
Width	B	700 mm	800 mm	700 mm	800 mm
Depth	C	700 mm	800 mm	700 mm	800 mm
Identification		SAP2677	SAP2688	SAP3777	SAP3788

Base									
Base Height	E	150 mm	250 mm						
Total Height	A	1,500 mm	1,600 mm	1,500 mm	1,600 mm	2,000 mm	2,100 mm	2,000 mm	2,100 mm
Identification		Z15077	Z25077	Z15088	Z25088	Z15077	Z25077	Z15088	Z25088

Section 0 – OUTDOOR CABINETS

X	X	X	X	X																																																				
CABINET SIZE Select 1 option as below:	BASE Select 1 option as below:	VERTICAL BARS Select 1 option as below:	LEFT CABLE INPUTS Select 1 option as below:	RIGHT CABLE INPUTS Select 1 option as below:																																																				
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>A</td><td>SAP2677</td><td>1,350 × 700 × 700 mm</td></tr> <tr><td>B</td><td>SAP2688</td><td>1,350 × 800 × 800 mm</td></tr> <tr><td>C</td><td>SAP3777</td><td>1,850 × 700 × 700 mm</td></tr> <tr><td>D</td><td>SAP3788</td><td>1,850 × 800 × 800 mm</td></tr> </table>	A	SAP2677	1,350 × 700 × 700 mm	B	SAP2688	1,350 × 800 × 800 mm	C	SAP3777	1,850 × 700 × 700 mm	D	SAP3788	1,850 × 800 × 800 mm	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;">A</td> <td style="width: 10%; text-align: center;">150 mm</td> <td>Footprint 700 × 700 mm Z15077 Footprint 800 × 800 mm Z15088</td> </tr> <tr> <td style="text-align: center;">B</td> <td style="text-align: center;">250 mm</td> <td>Footprint 700 × 700 mm Z15077 Footprint 800 × 800 mm Z15088</td> </tr> </table>	A	150 mm	Footprint 700 × 700 mm Z15077 Footprint 800 × 800 mm Z15088	B	250 mm	Footprint 700 × 700 mm Z15077 Footprint 800 × 800 mm Z15088	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>A</td><td>19" Vertical Rails (1 pair) VL1x19</td></tr> <tr><td>B</td><td>19" Vertical Rails (2 pairs) VL2x19</td></tr> <tr><td>C</td><td>21" Vertical Rails (1 pair) VL1x21</td></tr> <tr><td>D</td><td>21" Vertical Rails (2 pairs) VL2x21</td></tr> <tr><td>E</td><td>ETSI Vertical Rails (1 pair) VL1xET</td></tr> <tr><td>F</td><td>ETSI Vertical Rails (2 pairs) VL2xET</td></tr> <tr><td>N</td><td>NONE</td></tr> </table>	A	19" Vertical Rails (1 pair) VL1x19	B	19" Vertical Rails (2 pairs) VL2x19	C	21" Vertical Rails (1 pair) VL1x21	D	21" Vertical Rails (2 pairs) VL2x21	E	ETSI Vertical Rails (1 pair) VL1xET	F	ETSI Vertical Rails (2 pairs) VL2xET	N	NONE	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;">A</td> <td>Grommet 9× 18–30 mm / 10–14 mm, 4× 10–15 mm, 4× 5–10 mm C17L</td> </tr> <tr> <td style="text-align: center;">B</td> <td>Grommet 1× 20–26 mm / 12–15 mm, 16× 8–14 mm / 7–10 mm, 4× 14–20 mm / 5–10 mm, 4× 5–7 mm C25L</td> </tr> <tr> <td style="text-align: center;">C</td> <td>Grommet 49× 7–13 mm, 1× 15–25 mm C50L</td> </tr> <tr> <td style="text-align: center;">D</td> <td>Grommet 18× 6–13 mm, 6× 13–28 mm, 4× 3–11 mm KC28L</td> </tr> <tr> <td style="text-align: center;">N</td> <td>NONE</td> </tr> </table>	A	Grommet 9× 18–30 mm / 10–14 mm, 4× 10–15 mm, 4× 5–10 mm C17L	B	Grommet 1× 20–26 mm / 12–15 mm, 16× 8–14 mm / 7–10 mm, 4× 14–20 mm / 5–10 mm, 4× 5–7 mm C25L	C	Grommet 49× 7–13 mm, 1× 15–25 mm C50L	D	Grommet 18× 6–13 mm, 6× 13–28 mm, 4× 3–11 mm KC28L	N	NONE	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;">A</td> <td>Grommet 9× 18–30 mm / 10–14 mm, 4× 10–15 mm, 4× 5–10 mm C17P</td> </tr> <tr> <td style="text-align: center;">B</td> <td>Grommet 1× 20–26 mm / 12–15 mm, 16× 8–14 mm / 7–10 mm, 4× 14–20 mm / 5–10 mm, 4× 5–7 mm C25P</td> </tr> <tr> <td style="text-align: center;">C</td> <td>Grommet 49× 7–13 mm, 1× 15–25 mm C50P</td> </tr> <tr> <td style="text-align: center;">D</td> <td>Grommet 18× 6–13 mm, 6× 13–28 mm, 4× 3–11 mm KC28P</td> </tr> <tr> <td style="text-align: center;">N</td> <td>NONE</td> </tr> </table>	A	Grommet 9× 18–30 mm / 10–14 mm, 4× 10–15 mm, 4× 5–10 mm C17P	B	Grommet 1× 20–26 mm / 12–15 mm, 16× 8–14 mm / 7–10 mm, 4× 14–20 mm / 5–10 mm, 4× 5–7 mm C25P	C	Grommet 49× 7–13 mm, 1× 15–25 mm C50P	D	Grommet 18× 6–13 mm, 6× 13–28 mm, 4× 3–11 mm KC28P	N	NONE
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N	NONE																																																							

Section 1 – HEATING

X	X																		
HEATING ELEMENT Select 1 option as below:	HEATING CONTROL Select 1 option as below:																		
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>A</td><td>Heating Element 150 W 230 V AC TT150</td></tr> <tr><td>B</td><td>Heating Element 250 W 230 V AC TT250</td></tr> <tr><td>C</td><td>Heating Element 400 W 230 V AC TT400</td></tr> <tr><td>N</td><td>NONE</td></tr> </table>	A	Heating Element 150 W 230 V AC TT150	B	Heating Element 250 W 230 V AC TT250	C	Heating Element 400 W 230 V AC TT400	N	NONE	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>A</td><td>Thermostat Opening 0–60 °C (switches off the heating when the set temperature is exceeded, does not monitor the RH) TD60</td></tr> <tr><td>B</td><td>Mechanical Hygrostat MFR 012 NEW (switches on the heating when the set RH is exceeded, does not monitor the temperature) HGR</td></tr> <tr><td>C</td><td>Electronic Thermo-Hygrostat ETF 012, 0–60 °C, 50–90 % RH (switches off the heating when the set temperature is exceeded, monitors the RH – switches on the heating when the RH is exceeded) THGR</td></tr> <tr><td>D</td><td>Intelligent MICS Control (part of a comprehensive solution including MICS BASIC/PRO cooling) MICS</td></tr> <tr><td>N</td><td>NONE (disabled if the Heating Element is selected)</td></tr> </table>	A	Thermostat Opening 0–60 °C (switches off the heating when the set temperature is exceeded, does not monitor the RH) TD60	B	Mechanical Hygrostat MFR 012 NEW (switches on the heating when the set RH is exceeded, does not monitor the temperature) HGR	C	Electronic Thermo-Hygrostat ETF 012, 0–60 °C, 50–90 % RH (switches off the heating when the set temperature is exceeded, monitors the RH – switches on the heating when the RH is exceeded) THGR	D	Intelligent MICS Control (part of a comprehensive solution including MICS BASIC/PRO cooling) MICS	N	NONE (disabled if the Heating Element is selected)
A	Heating Element 150 W 230 V AC TT150																		
B	Heating Element 250 W 230 V AC TT250																		
C	Heating Element 400 W 230 V AC TT400																		
N	NONE																		
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D	Intelligent MICS Control (part of a comprehensive solution including MICS BASIC/PRO cooling) MICS																		
N	NONE (disabled if the Heating Element is selected)																		

Section 2 – COOLING

Select 1 option as below:

X																			
FAN 230 V + THERMOSTAT 0–60 °C	AIR CONDITIONING 230 V	FAN WITH INTELLIGENT CONTROL																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>A</td><td>Lowest Power – 100 m³/h V100AC</td></tr> <tr><td>B</td><td>Medium Power – 400 m³/h V400AC</td></tr> <tr><td>C</td><td>Highest Power – 1,200 m³/h V1200AC</td></tr> </table>	A	Lowest Power – 100 m ³ /h V100AC	B	Medium Power – 400 m ³ /h V400AC	C	Highest Power – 1,200 m ³ /h V1200AC	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>D</td><td>Air Conditioning 1,500 W 230 V AC 1500AC230</td></tr> </table>	D	Air Conditioning 1,500 W 230 V AC 1500AC230	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>E</td><td>MICS BASIC EC, 230 V AC Fan (0–600 m³/h) MICS BASIC EC</td></tr> <tr><td>F</td><td>MICS PRO AC, 230 V AC Fan (0–600 m³/h) MICS PRO AC</td></tr> <tr><td>G</td><td>MICS PRO DC, 48 V DC Fan (0–600 m³/h) MICS PRO DC</td></tr> </table>	E	MICS BASIC EC, 230 V AC Fan (0–600 m ³ /h) MICS BASIC EC	F	MICS PRO AC, 230 V AC Fan (0–600 m ³ /h) MICS PRO AC	G	MICS PRO DC, 48 V DC Fan (0–600 m ³ /h) MICS PRO DC	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>N</td><td>NONE</td></tr> </table>	N	NONE
A	Lowest Power – 100 m ³ /h V100AC																		
B	Medium Power – 400 m ³ /h V400AC																		
C	Highest Power – 1,200 m ³ /h V1200AC																		
D	Air Conditioning 1,500 W 230 V AC 1500AC230																		
E	MICS BASIC EC, 230 V AC Fan (0–600 m ³ /h) MICS BASIC EC																		
F	MICS PRO AC, 230 V AC Fan (0–600 m ³ /h) MICS PRO AC																		
G	MICS PRO DC, 48 V DC Fan (0–600 m ³ /h) MICS PRO DC																		
N	NONE																		

Section 3 – ACCESSORIES

X	X	X	X																		
MOUNTING BRACKETS Select 1 option as below:	CONSOLE WITH DOOR SWITCHES Select 1 option as below:	LED LIGHTING Select 1 option as below:	UNDERGROUND BASE Select 1 option as below:																		
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>A</td><td>Mounting Bracket (2 pcs) FK2X</td></tr> <tr><td>N</td><td>NONE</td></tr> </table>	A	Mounting Bracket (2 pcs) FK2X	N	NONE	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>B</td><td>Console with Door Switches (2 pcs) ZDS</td></tr> <tr><td>N</td><td>NONE</td></tr> </table>	B	Console with Door Switches (2 pcs) ZDS	N	NONE	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>C</td><td>LED Lighting 24–240 V AC/DC LED24240</td></tr> <tr><td>N</td><td>NONE</td></tr> </table>	C	LED Lighting 24–240 V AC/DC LED24240	N	NONE	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>D</td><td>Underground Base 700 × 700 mm PZ7070</td></tr> <tr><td>E</td><td>Underground Base 800 × 800 mm PZ8080</td></tr> <tr><td>N</td><td>NONE</td></tr> </table>	D	Underground Base 700 × 700 mm PZ7070	E	Underground Base 800 × 800 mm PZ8080	N	NONE
A	Mounting Bracket (2 pcs) FK2X																				
N	NONE																				
B	Console with Door Switches (2 pcs) ZDS																				
N	NONE																				
C	LED Lighting 24–240 V AC/DC LED24240																				
N	NONE																				
D	Underground Base 700 × 700 mm PZ7070																				
E	Underground Base 800 × 800 mm PZ8080																				
N	NONE																				

Examples of creating a name:

ABBCN-AC-B-ABCN

Section 0
Section 2
Section 3



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