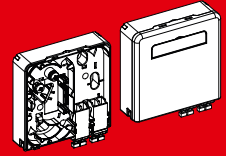


# FTTH

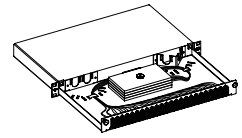
2023



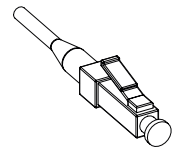
THE GERMAN  
**DEVELOPER  
AND PRODUCER**  
FOR OUTSTANDING  
NETWORK-PERFORMANCE



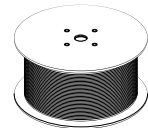
FTTH



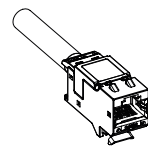
DATA CENTRE



FIBRE OPTIC TECHNOLOGY



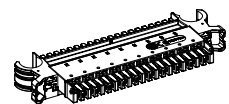
DATA CABLE FIBRE OPTIC & COPPER



COPPER DATA NETWORKS



NETWORK CABINETS



TELECOMMUNICATION



THE GERMAN  
**DEVELOPER  
AND PRODUCER**  
FOR OUTSTANDING  
NETWORK-PERFORMANCE

**Edition No. 1, December 2023**

Any reproduction, including extracts, is prohibited and requires the written permission of CobiNet Fernmelde- und Datennetzkomponenten GmbH.

Texts and illustrations, dimensions and performance data have been arranged with the greatest care. However, no guarantee can be given for the correctness. Likewise, no claims for damages can be made on the basis of errors in this catalogue. All trademarks are the property of their registered owners.

Layout: Gesink Messe- und Werbeagentur GmbH & Co. KG

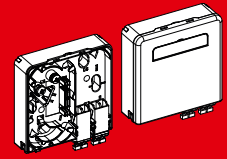
© 2023 CobiNet Fernmelde- und Datennetzkomponenten GmbH

**For more than 25 years we, as a German medium-sized producer, have been developing, manufacturing and distributing passive network system technology in uncompromising quality, exactly according to the needs of our customers.**

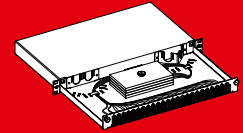
**We are now one of the leading suppliers of connection and cabling solutions in the Telecommunications.**

As a German brand manufacturer, we regularly exceed the required minimum standards and develop market-driven innovations, both for the structured cabling in buildings and data centres, as well as for national and international telecommunications providers.

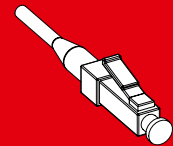
Thanks to our own development, production and storage we respond particularly quickly and individually to customer wishes and find a reliable solution for almost all requirements from our comprehensive range of system components. Furthermore, we also develop and produce customer-specific products and customized solutions, in case our standard components should not fit. Based on our expertise, our experience and our highly qualified team, we offer the most advantageous solution in terms of technology, price and time for our customers. This includes sound advice and uncomplicated service. A trusting relationship with our customers is more important to us in today's fast-moving times than short-term profits.



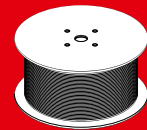
FTTH



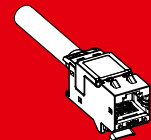
DATA CENTRE



FIBRE OPTIC TECHNOLOGY



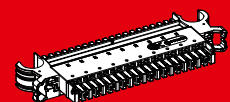
DATA CABLE FIBRE OPTIC & COPPER



COPPER DATA NETWORKS



NETWORK CABINETS



TELECOMMUNICATION

# ORDER ONLINE COMFORTABLE, FAST & EASY

- Intelligent product search
- Detailed information on all products
- Data sheets

[www.cobinet.com/shop](http://www.cobinet.com/shop)

## MORE CATALOGUES DOWNLOAD OR POSTAL DELIVERY

Download further catalogues for our **data network technology**, **telecommunication technology** and **network cabinets** at [www.cobinet.com/downloads](http://www.cobinet.com/downloads) or order a printed copy there.



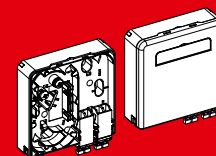
**CobiNet**  
**Fernmelde- und Datennetzkomponenten GmbH**

Robert-Bosch-Straße 33  
68542 Heddesheim

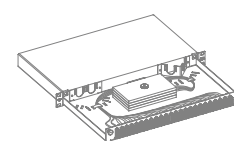
Phone +49 6203 4900-0  
Telefax +49 6203 4900-88

Internet [www.cobinet.com](http://www.cobinet.com)  
E-Mail [info@cobinet.com](mailto:info@cobinet.com)

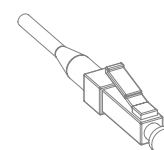
The CobiNet FttX solution	G-8
Point of Presence	G-10
Optical distribution frame ODF OF23	G-12
Optical distribution frame ODF OF22	G-14
Cable management and accessories ODF OF22 and OF23	G-16
Swing splice enclosure SP22-HD, 1RU	G-20
Swing splice enclosure SP20	G-22
SR20 subrack	G-23
Splitter	G-24
Fibre optic network distributor tower NVt 17	G-26
Fibre optic network distributor NVt 10	G-28
NVt 20 Fibre optic network distributor	G-30
Accessories for fibre optic network distributors	G-32
FttX accessories	G-35
Optical termination socket apartment	G-36
FttH roller box, connection set incl. cable	G-37
Field-terminable fibre optic connectors	G-37
Splice box and distributor enclosure OD 12/24	G-38
Splice enclosure OD 06	G-40
Splice enclosure OD12	G-42
Splice enclosure OD24	G-46
Splice enclosure KS48	G-48
Building distribution enclosures	G-50
FttX installation cable	G-52
Simplex patch cable	G-54
Index	G-56
General terms and conditions	G-59



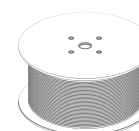
FTTH



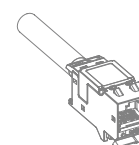
DATA CENTRE



FIBRE OPTIC TECHNOLOGY



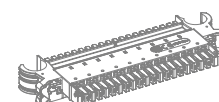
DATA CABLE FIBRE OPTIC & COPPER



COPPER DATA NETWORKS



NETWORK CABINETS



TELECOMMUNICATION





## Your developer and manufacturer of passive network system technology

### Cabling and FTTH for homes and buildings

Apart from proven copper-based cabling of buildings, more and more connections are now being made with fibre optic technology, which has very high bandwidth reserves. No matter what technology is used, at CobiNet you will find smart products with a top price-performance ratio for any use case from flats to high-rise buildings.

Our extremely reliable copper and fibre optic based connectivity solutions enable network connections with high performance reserves. Our components are not only easy to mount and have a compact design but they are also compatible with the leading manufacturers of switch ranges and can therefore be fully integrated. With our FttH fibre optic solutions, we also offer a cabling solution that is sure to meet the bandwidth needs of the coming years.

### Broadband and Phone

Higher data rates and faster internet access for customers revolutionised the telecommunications market over the last years. Today, with our patented CobiNet LSA-HD® bar and its successors, we are setting the standard for copper-based broadband access and are used as standard by multiple major international telecommunications service providers in their transmission networks.

Currently, however, a technological shift from copper to fibre optic based broadband connections is taking place to fully meet the ever increasing demands of high speed internet. We used decades of technological experience to enable new fibre optic based solutions for development to the end user, whether in the main distributor, power distributor, multifunctional enclosure of the telecommunications provider, office building or home.



### Data Centre

---

Limited space, high power density, cooling current-optimised areas and the extremely high bandwidth requirements of modern data centres demand a high packing density of components and systems. This is particularly achieved through parallel optical connectivity systems based on the MTP®/MPO connector which in future will support bandwidth needs of up to 400 Gbit.

Nevertheless, manageability for expansion, conversion and migration of new applications and technology need to be ensured. High density (HD) solutions from CobiNet meet these requirements: pre-assembled, tested and ready-to-use with an excellent price-performance ratio. Moreover, our efficient CobiNet RS18 rack system features an additional third 19" installation level in roof and base and thus supports the installation of components in environments with high packing density.

### Industry 4.0

---

The digitalisation of industry 4.0 demands time-saving, reliable and flexible cable routings for the cabling of manufacturing buildings, which offer a high level of investment protection especially for pre-assembled cabling components. High degrees of protection of the products defy even the harshest environments. With our fibre optic and copper based products with high power reserves we support fail-proof transmission of production and measurement in real-time.

### Office

---

Increasingly powerful network switches and WLAN access points as well as the need for the greatest possible flexibility and future-proofing characterise modern office networks. CobiNet offers a comprehensive program of system components in office buildings for structured cabling with copper and fibre optics. Our RS18 cabinet system provides efficient solutions for distribution areas. Moreover, the cost-neutral door options of the network cabinet offer the greatest possible flexibility and cost control, even if the spatial conditions in the distribution area should change during the course of the project.

# THE COBINET FTTX SOLUTION

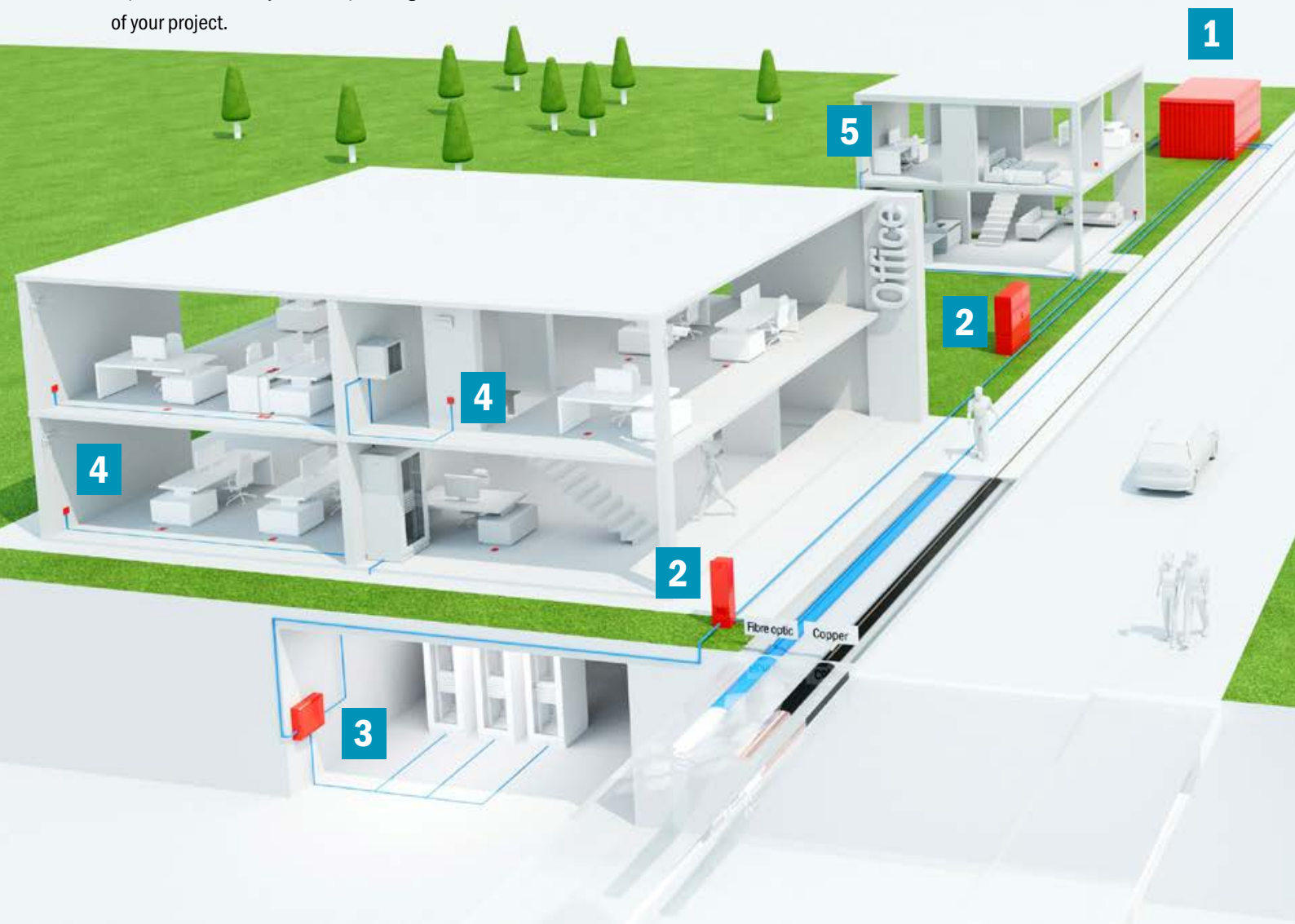
## CobiNet – Because simple is simply good.

For over 15 years, CobiNet is developing and producing exceptional FttC solutions. We are providing proficient support through the entire project lifecycle in telecommunication network projects – for major carriers up to installers. We are a market leader for FttC solutions and we are the preferred supplier for some of the network operators in Europe.

Based on our extensive experience, we have developed and expanded our FttX solutions in recent years. We are offering network operators a wide range of connectivity solutions for privately and publicly subsidized FttH networks. With our expertise, we assist you in the planning, realization, and rollout of your project.

The basis of our outstanding quality is our own factories, where engineering and production seamlessly come together under one roof. This integrated approach allows us to ensure that our high-quality standards are maintained right from the start of a product development. Because of our long experience we know the critical aspects of a project and stand by you, sharing our experience and expertise to find the best solution for you.

Choose CobiNet as your reliable partner and benefit from our extensive years of experience.





## 1 FttN in the Point of Presence

The CobiNet PoP - the space-saving solution for up to 6912 fibres on 2.78 m<sup>2</sup>. Pre-assembled on request with passive optical distribution frame (ODF) including 19" connectivity equipment and active rack for 19" active network components.

**Page G-10 to G-25**



## 2 FttC at the street

Robust, weight-optimised fibre optic network distributors made of fibreglass-reinforced polyester and fibre optic solutions for existing enclosures.

**Page G-26 to G-35**



## 3 FttB in the cellar

Fibre optic distribution enclosures for the building entry point (BEP) in residential and commercial buildings with optional access protection thanks to a profile half cylinder for the full integration into an existing locking system.

**Page G-38 to G-51**



## 4 FttH inside the building

The pre-assembled system including FttH optical termination socket for quick installation by only one person. Convenient unroll, insert, fix - done.

**Page G-37**



## 5 FttH inside the apartment

Maximum flexibility - the optical termination socket for every installation area such as wall, switch box and DIN rail.

**Page G-36**



The CobiNet assembly service

Individual product configurations  
can be pre-assembled in the factory**The CobiNet Point of Presence (PoP) - maximum fibre density at minimum floor space**

**The CobiNet Point of Presence (PoP) is the heart of the local broadband infrastructure.**

**Inside the PoP data and voice traffic connections are brought together. The PoP serves as a node between the wide area network (WAN) and the regional FttH fibre optic network, which connects each individual building.**

The CobiNet PoP offers network providers the following benefits:

- Maximum connection density in a minimum area: capacity for up to 6912 fibres on just 2.78 m<sup>2</sup>
- Easy planning processes thanks to the minimal footprint
- Easy installation without a separate mobile crane thanks to the low weight of approx. 2.4 tons
- Simplified logistics for the installation of several PoPs: space for up to 6 buildings on a low loader
- High level of safety and robustness thanks to weight-saving construction with high-strength walls in sandwich construction and a base plate made of fibreglass-concrete mix
- Highest flexibility thanks to customer-specific dimensions and free choice of colours in RAL tones on request
- Seamless integration into the environment thanks to a wide range of exterior wall design options
- Reduction of the CO2 footprint and sealed surfaces thanks to the green roof option

**Article**

CobiNet Point of Presence (PoP)

**Article-No.**

Please enquire individually



## Make it Easy - The CobiNet assembly service

Cost savings and minimum installation time thanks to customised, pre-assembled delivery according to the customers requirements. The CobiNet pre-assembly service includes all technical installations, such as distribution racks (ODF) for optical fibres, 19" network cabinets for passive and active devices, passive data cabling of the distribution racks in copper and fibre optics, internal power supply, lighting and ventilation



# OPTICAL DISTRIBUTION FRAME ODF OF23

The CobiNet assembly service  
Individual product configurations  
can be pre-assembled in the factory

## ODF Distribution rack OF23, 40 RU

- Labelled 19" plane in the rear area for mounting splice and distributor enclosures
- Capacity of up to 3456 fibres on 36 RU
- Can be completely dismantled for installations in rooms that are difficult to access
- Levelling feet adjustable from the inside to compensate for uneven floors
- Distribution rack can be bayed side by side via baying connectors (P/N 124859) or back to back
- Incl. horizontal patch cable guides on right-hand side
- Incl. 10 radius limiters
- Lateral patch cable guides and radius limiters enable the use of a uniform patch cable length (4.5m)
- Incl. 1 retaining plate with C-profile rail to support pipe bracing
- Incl. 1 retaining plate for supporting speedpipes
- Incl. 4 cable guide brackets (mounting comb) on the left side for fixing protection tubes with nominal diameter 10mm
- Prepared for fixing to the floor
- Prepared for wall mounting with mounting brackets
- Prepared for mounting cable ducts in the roof and/or plinth area
- Max. Load Capacity: 200 kg
- Dimensions (W/H/T): 900x2000x300mm
- Material: Sheet steel, powder coated
- Colour: RAL7035 (light grey)

### Article

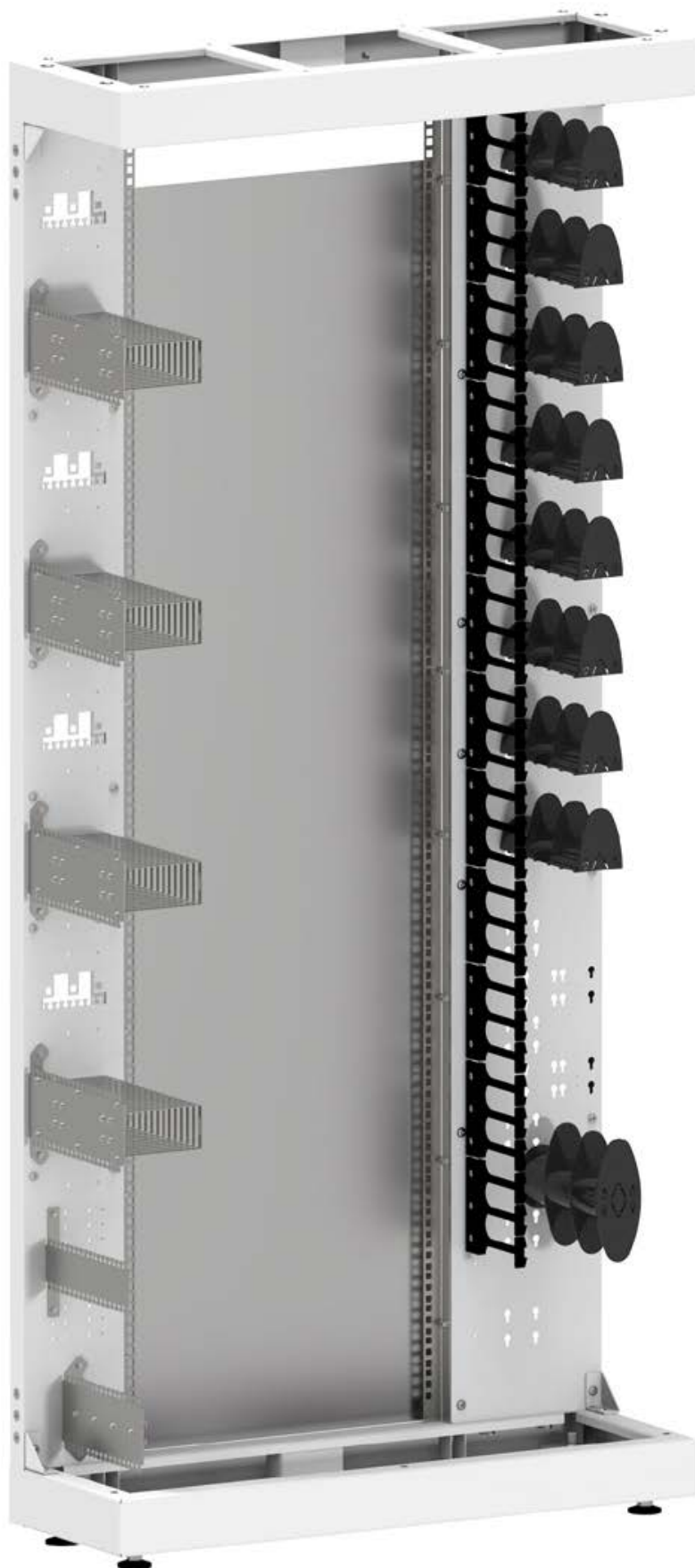
### Article-No.

ODF Distribution rack OF23, 40 RU

126879



## OPTICAL DISTRIBUTION FRAME ODF OF23



## OPTICAL DISTRIBUTION FRAME ODF OF22

The CobiNet assembly service

Individual product configurations  
can be pre-assembled in the factory

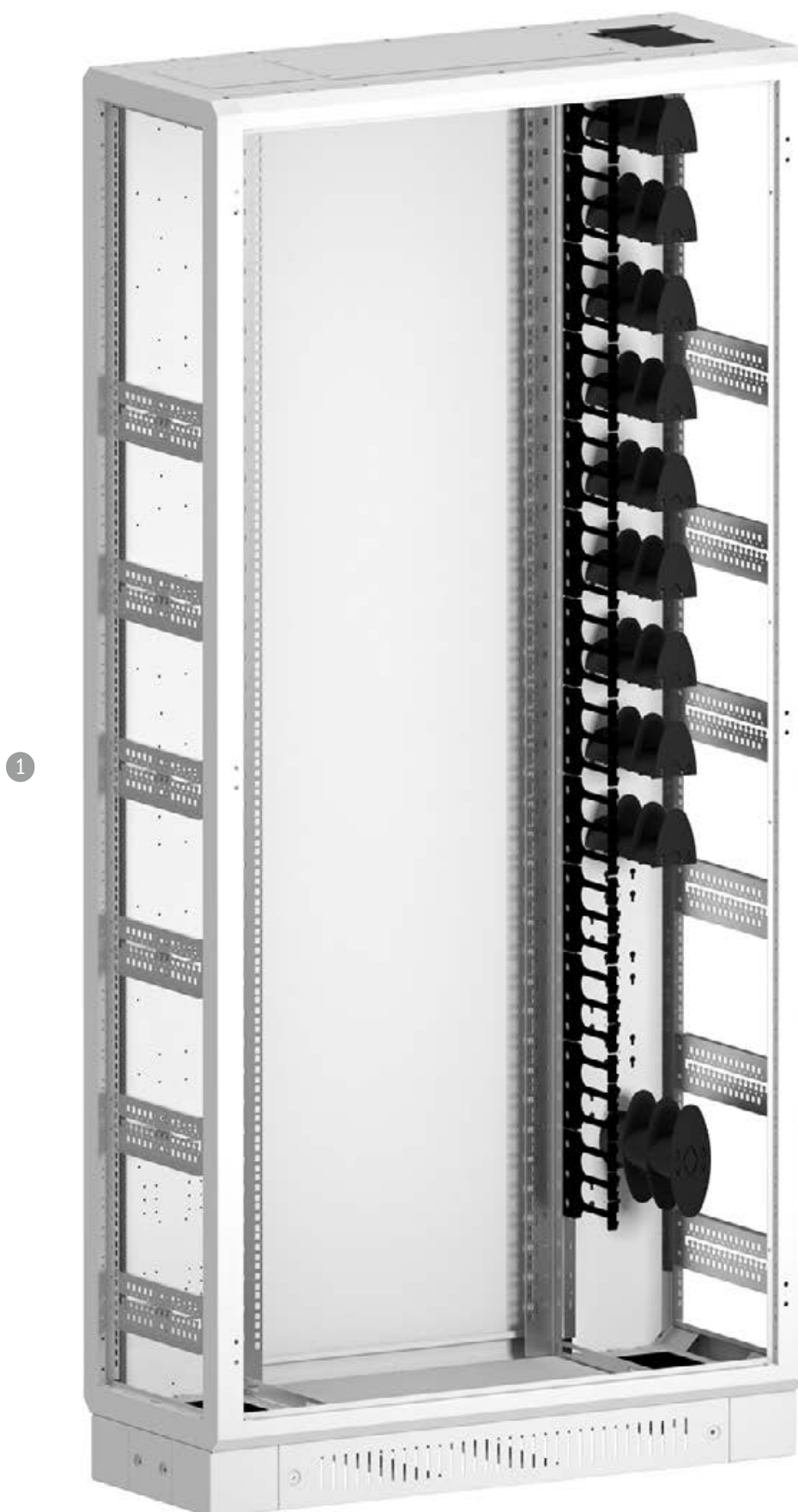
### ODF Distribution rack OF22

- Stable frame construction made of square struts
- 19" level at the rear for mounting splice and distribution enclosures
- 19" level to rear wall depth-adjustable (50mm)
- Distribution rack can be bayed laterally
- Fibre capacity: up to 3456 fibres
- Front door divided into two parts incl. swivelling lever and possibility of accommodating a profile half cylinder
- Side panels can be unlocked and locked from the inside
- Rear wall closed and screwed
- Levelling feet adjustable from inside to compensate uneven floors
- Cable entries in the base with brush strip on left and right
- Removable cover plate in the middle of the floor
- Cable fixation in the 19" level by means of optional interceptor plate (P/N 126617)
- Cable entries in the roof with brush strip left and right
- Protection of cables by means of rounded cable entries in the roof
- Dimensions of cable entries (width/depth): 100x130mm
- Additional covering of the cable glands by means of removable steel plate
- Cable guides
- Cable guide brackets can be positioned freely over the entire height
- Cables can be fixed to cable guides with cable ties or Velcro strips
- Additional fixing option for protection tubes with nominal width of 10 mm by means of mounting comb
- Offset mounted radius limiters for optimum routing of patch cables
- All components fully earthed
- Incl. 6 cable routing brackets on left side (depth: 250mm)
- Incl. 6 radius limiters on right side
- Incl. potential equalisation set
- ODF can be dismantled completely
- Max. Load Capacity: 500 kg
- Protection Class: IP20
- Material: Sheet steel, powder coated
- Colour: RAL 7035 (light grey)



Article	Height ODF	Width ODF	Depth ODF	Height Plinth	Article-No.	Fig.
ODF Distribution rack OF22 incl. side panels, front door and plinth	2117 mm	1000 mm	400 mm	100 mm	126908	1
ODF Distribution rack OF22 incl. side panels, front door and plinth	2217 mm	1000 mm	400 mm	200 mm	126909	

## OPTICAL DISTRIBUTION FRAME ODF OF22



## CABLE MANAGEMENT AND ACCESSORIES ODF OF22 AND OF23

### Overview of the mounting, routing and fixing of fibre optic cables in ODF OF22 and OF23

#### Comb with mounting plate for tube guidance on ODF frame

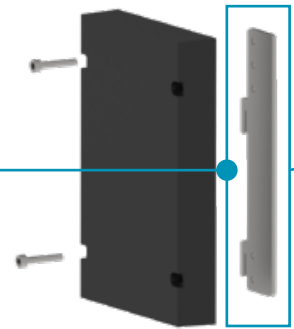
- Article-No. 127135
- see page G-18

#### Mounting plate 19" for PLC ABS splitter module

- Article-No. 126615
- see page G-19

#### Holder for PLC ABS splitter module

- Article-No. 126616
- see page G-19



#### Cable support rail for fibre optic cable support on ODF

- Article-No. 127095
- see page G-18

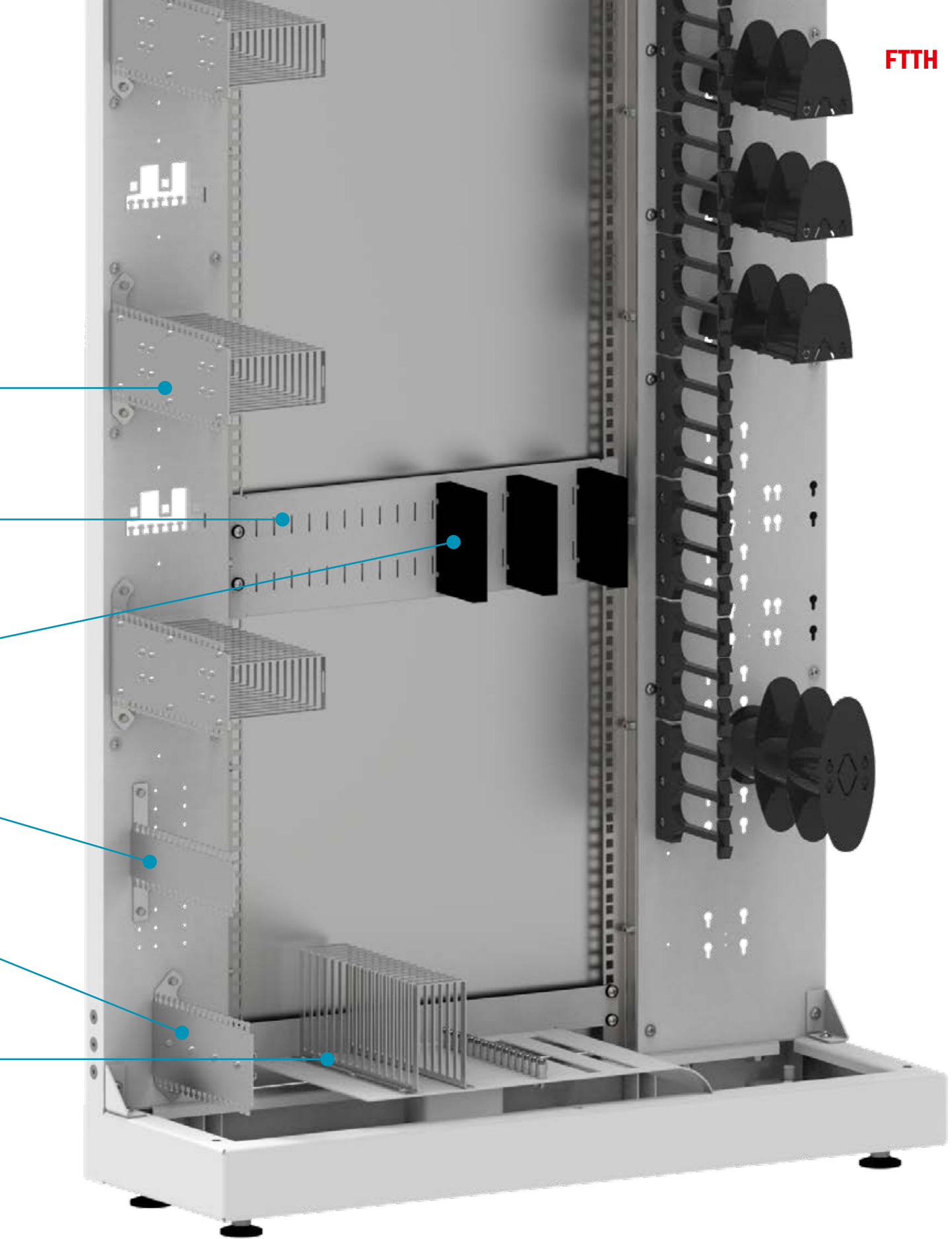
#### Cable support plate with DIN-rail for cable fixation on ODF frame

- Article-No. 127097
- see page G-18

#### Cable guide plate, 19", incl. clamps for cable fixation

- Article-No. 126617
- see page G-19

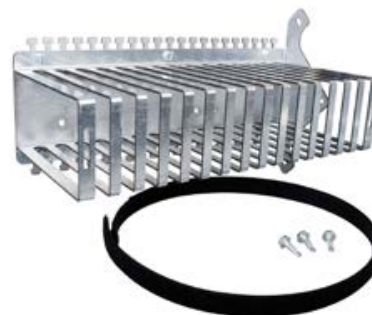




## CABLE MANAGEMENT AND ACCESSORIES ODF OF22 AND OF23

### Comb with mounting plate for tube guidance inside ODF

- Comb incl. mounting plate for guiding and fixing fibre optic protection tubes to ODF frame OD22 and OD23
- Dimensions: (HxWxD): 122x166x258,5 mm
- Material: sheet steel, galvanised
- Incl. mounting material
- Incl. mounting plate
- Incl. velcro strap (length: 650 mm)



#### Article

#### Article-No.

Comb incl. mounting plate for tube guidance on ODF frame	127135
--	--------

### Comb for vertical tube guidance inside ODF

- Comb incl. mounting plate for guiding and fixing fibre optic protection tubes to ODF OD22 and OD23
- For direct installation inside cable routing area of ODF 22 or ODF23
- Dimensions: (HxWxD):86x253,5x120 mm
- Material: sheet steel, galvanised
- Incl. mounting material
- Incl. velcro strap (length: 650 mm)



#### Article

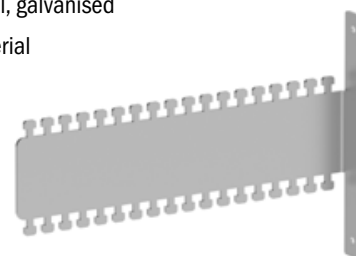
#### Article-No.

Comb for vertical tube guidance at ODF	127136
--	--------

### Cable support rail for fibre optic cable support inside ODF

- Cable support plate for installing fibre optic protective tubes and cables at ODF OF22 and OF23
- Dimensions: (HxWxD): 150x22x225 mm

- Material: sheet steel, galvanised
- Incl. mounting material



#### Article

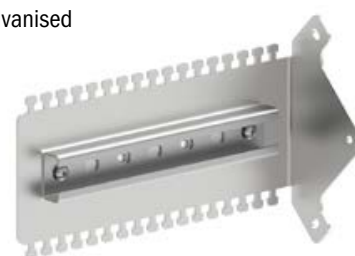
#### Article-No.

Cable support plate for fibre optic cable support at ODF	127095
--	--------

### Cable support plate with DIN-rail for cable fixation inside ODF

- Cable support plate with C-profile rail for fibre optic cable installation and guiding inside ODF OF22 and OF23
- Option to attach bow clamps to fix cables

- Dimensions: (HxWxD): 144x69x218 mm
- Material: sheet steel, galvanised
- Incl. mounting material



#### Article

#### Article-No.

Cable support plate with DIN-rail for cable fixation at ODF	127097
---	--------

# CABLE MANAGEMENT AND ACCESSORIES ODF OF22 AND OF23

## Cable guiding plate, 19", incl. clamps for cable fixation

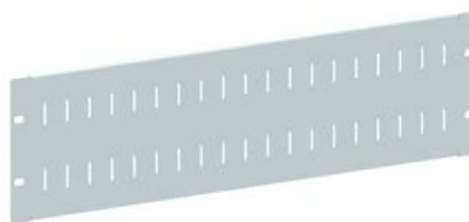
- For installation and fixation of fibre optic cables by integrated sheath wedge clamps at ODF OF23 and OF22
- Installation option for standard bow clamps to fix cables
- Incl. holder for guiding and fixing empty fibre protection tubes of components, e.g. CobiNet distribution panel SP22
- Dimensions (W/H): 482.6x43.6 mm
- Material: sheet steel, partly powder-coated
- Colour: RAL 7035 (light grey)
- Incl. mounting material



Article	Article-No.
Cable guide plate, 19"	126617

## Mounting plate 19" for PLC ABS splitter modules

- Enables the easy integration of Splitter ABS modules into the 19" layer of the ODF OF22
- Mounting option for up to 19 Splitter ABS modules via separate support plate (Article-No.: 126616)
- Dimensions: (W/H): 482.6x132.5 mm
- Material: Sheet steel, powder-coated
- Color: RAL 7035 (light grey)



Article	Article-No.
Mounting plate 19" for ABS splitter cassettes	126615

## Holder for PLC ABS splitter module

- Holder for installation of an ABS splitter cassette on the 19" ODF mounting plate (Article-No. 126615)
- Dimensions: (H/W): 110x25.5 mm
- Material: stainless steel



Article	Article-No.
Holder for ABS splitter cassettes	126616

## Holder for speed pipes

- Enables easy routing and fixing of fibre protection tubes of components such as CobiNet distribution panel SP-22 HD
- Dimensions (H/W/D): 110x60x240 mm
- Material: sheet steel, galvanised



Article	Article-No.
Holder for speed pipes	126623

## SWING SPLICE ENCLOSURE SP22-HD, 1RU

### ODF Swing Splice Enclosure SP22-HD

- Splice enclosure for dividing the incoming fibre optic cable into individual fibres for further distribution
- For installation in the rear or front 19" level of the ODF distribution rack or network cabinet
- Easy modification of mounting variants in the front or rear 19" level thanks to rotatable mounting brackets
- Drawers closing securely thanks to integrated magnetic locks
- Safe and easy opening and closing drawers with integrated magnetic lock
- Preparation of labelling before installation with optionally available A4 printer label sheets incl. Excel template
- Reduced risk of crushing the patch cables thanks to patch cable cover and optimised cable routing when fully loaded
- Easy processing of fibres during initial installation and extensions thanks to fold-down splice cassettes
- Pigtails inserted in splice cassettes ready for splicing
- For up to 4 splice cassettes per drawer
- Incl. protective tubes for fibre optic cable: 4x2.5 m , d=10 mm
- Width: 19" (482.6 mm)
- Depth: 280 mm
- Material: Body: sheet steel, powder-coated; drawers: Aluminium, powder-coated
- Colour: RAL 7035 (light grey)

Article	Height	Weight	Article-No.	Fig.
ODF swing splice enclosure SP22-HD, right, pre-loaded with 48 x LC-DX/APC 8° adapters	1 RU (44.45 mm)	approx. 4 kg	126579	1
ODF swing splice enclosure SP22-HD, left, pre-loaded with 48 x LC-DX/APC 8° adapters	1 RU (44.45 mm)	approx. 4 kg	126964	
ODF swing splice enclosure SP22-72, right, pre-loaded with 36 x LC-DX/APC 8° adapters	1 RU (44.45 mm)	approx. 5 kg	127349	
ODF swing splice enclosure SP22-72, left, pre-loaded with 36 x LC-DX/APC 8° adapters	1 RU (44.45 mm)	approx. 5 kg	127350	
ODF swing splice enclosure SP22-144, right, pre-loaded with 72 x LC-DX/APC 8° adapters	1.5 RU (66.68 mm)	approx. 6 kg	127351	
ODF swing splice enclosure SP22-144, left, pre-loaded with 72 x LC-DX/APC 8° adapters	1.5 RU (66.68 mm)	approx. 6 kg	127352	



**SWING SPLICE ENCLOSURE SP22-HD, 1RU**

## SWING SPLICE ENCLOSURE SP20

The CobiNet assembly service

Individual product configurations  
can be pre-assembled in the factory

### ODF swing splice enclosure SP20, unequipped

- Empty enclosure for splitting the incoming fibre optic cable to the individual fibres for further distribution
- For installation in the front 19" rail of ODF distribution rack OF20 or a 19" network cabinet
- Enclosures without adapter holder
- Incl. 8 splice cassettes UC19-412
- 19" (482.6 mm), 2 RU, front panel hinges sideways to the right
- Installation in the front 19" rail of CobiNet ODF OF20
- Dimensions (WxHxL): 482.6x88x340 mm
- Material: steel plate
- Colour: RAL 7035 (light grey)



#### Article

#### Article-No.

Swing-Splice-Panel SP20, unequipped

123364

### ODF Swing splice enclosure adapter holder SP20

- For up to 96 LC-DX, SC-SX or E-2000® SX adapter
- Material: steel plate
- Colour: RAL 7035 (light grey)



Application example

#### Article

#### Adapter

#### Adapter count

#### Article-No.

Adapter plate	SC-SX	96	123367
Adapter plate	LC-DX, SC-SX	48	123368
Adapter plate	E-2000®-SX	48	123370

### ODF Swing splice enclosure SP20, equipped

- SP20 equipped with adapter and pigtails
- For installation in the front 19" rail of ODF distribution cabinet OF20 or a 19" network cabinet
- 19" (482.6 mm), 2 RU, front panel hinges sideways to the right
- Distribution of fibre optic cable to the individual fibres for further distribution
- Installation in the front 19" rail of CobiNet ODF
- Dimensions (WxHxL): 482.6x88x340 mm
- Material: steel plate
- Colour: RAL 7035 (light grey)

#### Adapter

#### Polish

#### Count

#### Fibre quality

#### Article-No.

E-2000®-SX	APC 8°	48	OS2, G.657.A2	123373
LC-DX	APC 8°	48	OS2, G.657.A2	123371



Application example

## SR20 SUBRACK

**Subrack SR20, unequipped**

- 19" (482.6 mm), 3 RU, for up to 12 slots
- For installation in the front 19" rail of ODF distribution rack OF22 or a 19" network cabinet
- Incl. cable management and excess length storage 1 RU
- Incl. floor and roof sheet
- Subrack with up to 84 TE can be used
- Material: steel plate
- Colour: RAL 7035 (light grey)
- Dimensions (WxHxL): 482.6x132x340 mm

**Article****Article-No.**

Subrack SR20, unequipped

123295

**Slide-in cassette for subrack SR20, equipped**

- Slide-in cassette for subrack SR20, equipped with adapter and pigtails
- 7 TE wide
- Material: steel plate with plastic splice cassette
- Colour: RAL 7035 (light grey)



1

Article	Polish	Fibre quality	Article-No.	Fig.
Silde-in cassette E-2000®-SX	APC 8°	OS2, G.657.A2	123303	
Silde-in cassette E-2000®-SX	PC	OS2, G.657.A2	123304	
Silde-in cassette LC-DX	APC 8°	OS2, G.657.A2	123301	1
Silde-in cassette LC-DX	PC	OS2, G.657.A2	123300	
Silde-in cassette LC-DX	PC	OM4, G.651.1	123302	

# FTTH

## SPLITTER

### Mini PLC splitter

- Fiber: G.657.A1
- Length: 2 m
- Supported wavelengths: from 1260 nm up to 1650 nm
- With connectors at inputs and outputs or without connectors for splicing
- Cable diameter: 250 µm



Inlet	Outlet	Connector	Dimensions enclosure (WxHxL) in mm	Installation possible in OD enclosure	Article-No.	Fig.
1	4	0	40x4x4	yes	123317	
1	8	0	40x4x4	yes	123318	
1	16	0	45x4.5x4	yes	123319	
1	32	0	50x7x4	no	123320	1
2	8	-	45x4.5x4	yes	123326	
2	16	-	60x7x4	no	123327	
2	32	-	65x7x4	no	123328	
1	4	LC/APC 8°	40x4x4	yes	123321	
1	8	LC/APC	40x4x4	yes	123322	
1	16	LC-SX/APC	45x4.5x4	yes	123323	
1	32	LC-SX/APC	50x7x4	no	123324	

### PLC ABS splitter module

- Fibre: G.657.A1
- Length of cables: 2m
- Supported wavelengths: from 1260 nm up to 1650 nm
- Cable diameter: 2 mm
- Connectors at inputs and outputs
- Material enclosure: ABS



Input	Output	Connector	Dimensions enclosure (WxHxL) in mm	Article-No.	Fig.
1	4	LC/APC	100x80x10	123329	
1	8	LC/APC	100x80x10	123330	2
1	16	LC/APC	120x80x18	123331	
1	32	LC/APC	120x80x18	123332	



The CobiNet assembly service  
Individual product configurations  
can be pre-assembled in the factory

### Splitter Distribution enclosure 19 Inch

- 19" enclosure with installed PLC ABS splitter module
- Splitter input and output via adapters
- Fiber splitter: G.657.A1
- Supported wavelengths: from 1260 nm up to 1650 nm
- Adaptors installed and fixed with screws
- Height: 1 RU
- Material enclosure: sheet steel, powder-coated
- PLC splitter material: ABS
- Adapter ferrule material: Ceramic
- Color: RAL 7035 (light grey)
- Incl. cover, 19" mounting kit, adapter and push-button lock



Entry	Exit	Adapter Entry	Adapter Exit	Article-No.	Fig.
1	16	LC-DX/APC 8°	LC-DX/APC 8°	124885	1
1	32	LC-DX/APC 8°	LC-DX/APC 8°	124886	

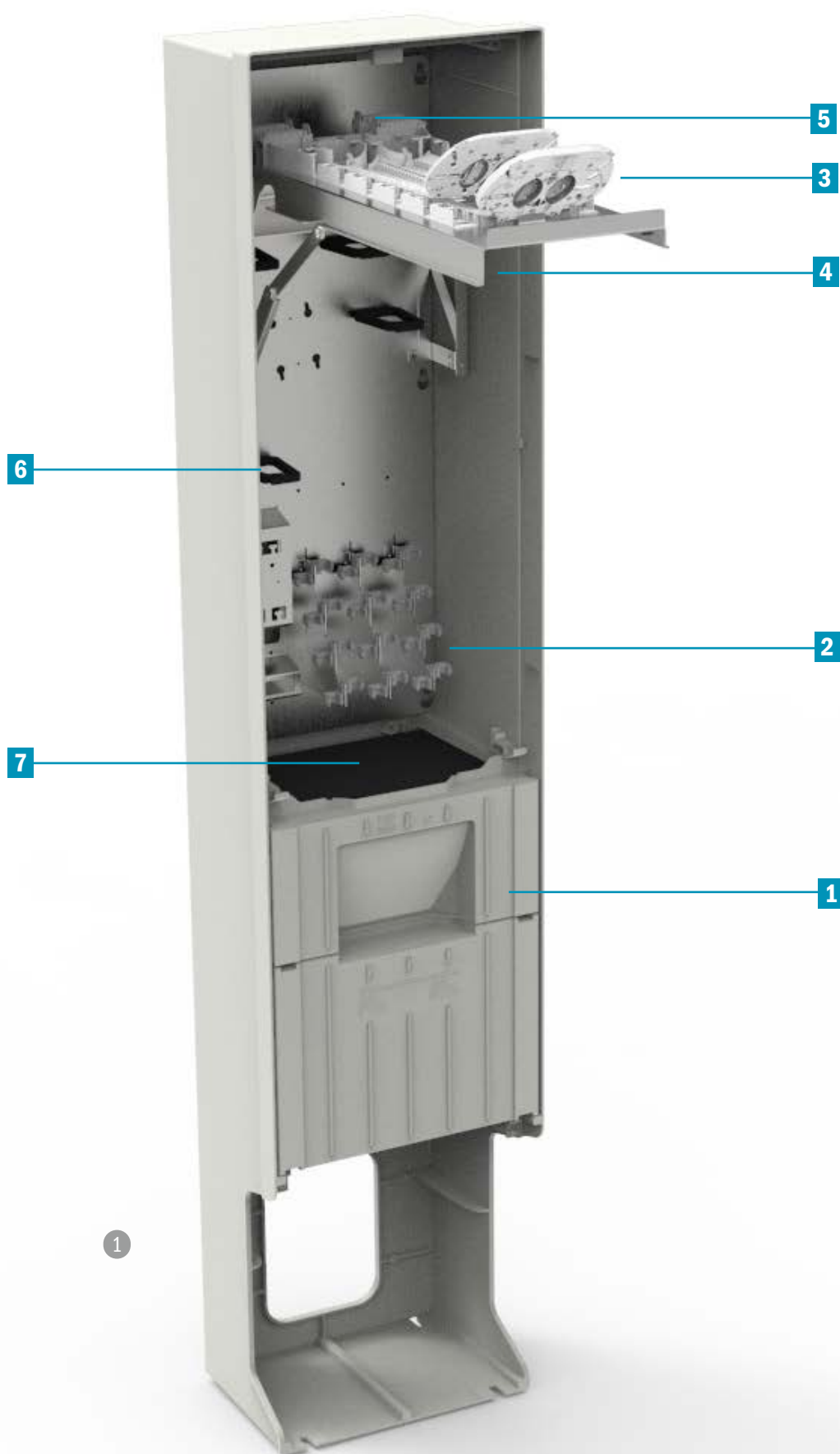
## FIBRE OPTIC NETWORK DISTRIBUTOR TOWER NVT 17

### Fibre optic network distributor NVT 17

- Fibre optic network distributor made of fibreglass-reinforced polyester
- High impact resistance and protection against vandalism even at low outside temperatures
- 1** • Easy insertion of cables even after installation thanks to two-part plinth panel
- High level of security against unauthorised access thanks to installation option of a profile half cylinder
- Incl. integrated plinth
- 2** • Capacity for max. 30 speed-pipes
  - Accommodates speed-pipes with 7, 10 and 12 mm diameter
  - Maximum number of splice cassettes: 40 pieces, each 4 mm high
- 3** • Maximum number of splices: up to 480 pieces
- Easy access to the splice cassettes thanks to removable cover
- 4** • Ergonomic splicing in a sitting position possible thanks to hinged splice cassette holder
- Additional protection of the splice trays through cover (not shown in the illustration)
- 5** • Adherence to bending radius and protection of the cables during transfer to the splice cassettes by using cable guide brackets
- 6** • Excess length storage for micro and mini cables possible on the rear side by means of cable guides
- 7** • One-piece base plate
  - Pre-assembled splice cassette holder UC19 for up to 40 splice cassettes
  - Height above ground: 1040 mm
  - Protection class: IP54
  - Dimensions (WxHxD): 345x1600x240 mm
  - Material: glass fibre reinforced polyester
  - Colour: RAL 7035 (light grey)

Article	Tube capacity	Max. number of tubes 7 mm	Max. number of tubes 10 mm	Max. number of tubes 12 mm	Article-No.	Fig.
Glass fibre network distributor NVT 17/15	15	-	15	-	123985	1
Glass fibre network distributor NVT 17/30	30	30	-	2	123986	

## FIBRE OPTIC NETWORK DISTRIBUTOR TOWER NVT 17

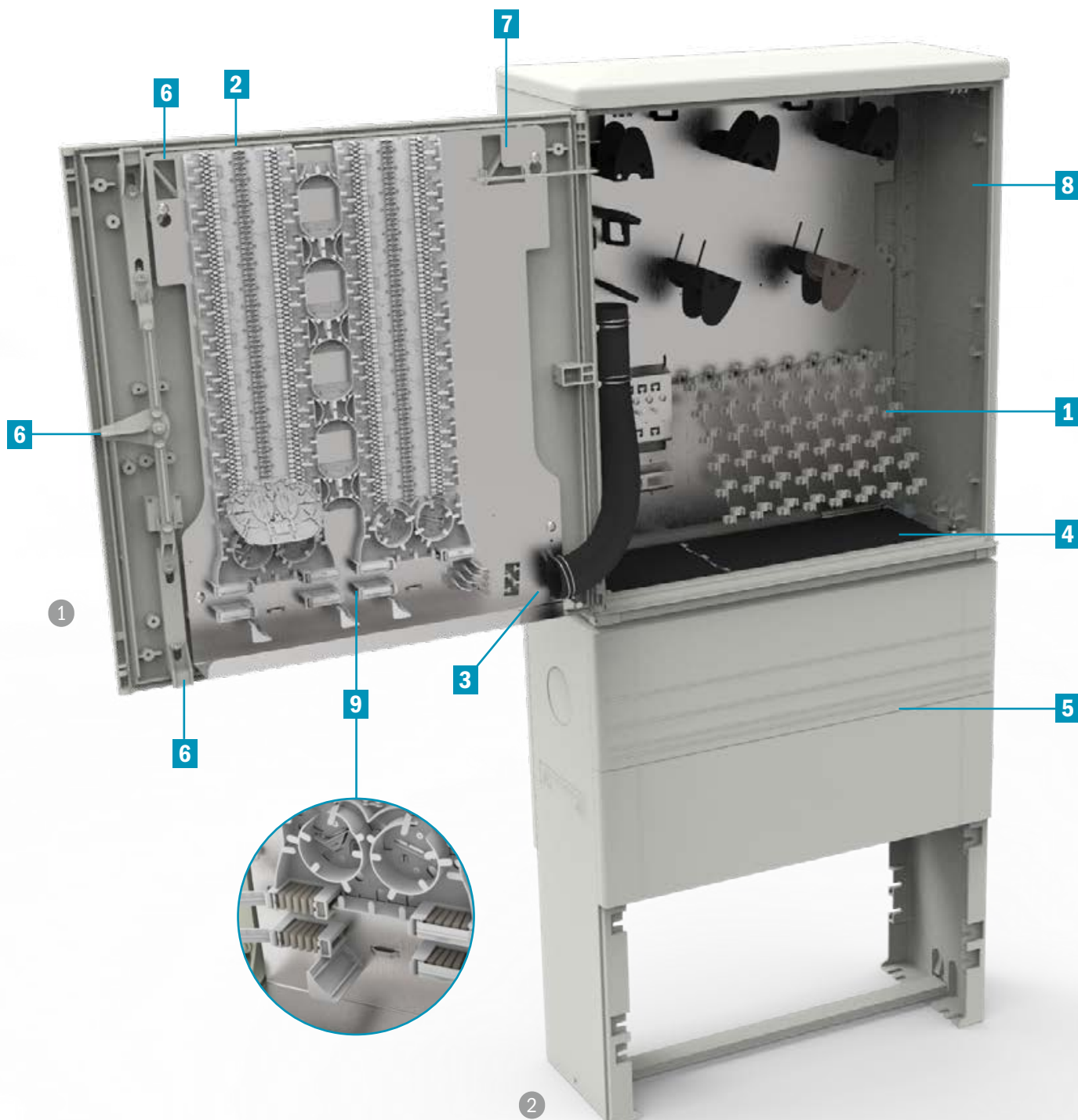


**Glass fibre network distributor Nvt 10**

- Optical fibre network distributor, made of glass fibre-reinforced polyester
- High impact resistance and protection against vandalism even at low outside temperatures
- Protection of the enclosure in case of damage thanks to predefined breaking point
- Interruption-free operation when replacing parts of the enclosure or the entire enclosure after damage
- 4** • Separation of main cables and branch cables thanks to two-part baseplate
- 5** • Easy insertion of cables even after installation thanks to removable base panel
- 6** • High security against unauthorized access by three-point locking with swivelling lever handle and optional profile half cylinder
- 1** • Tube capacity: max. 144 tubes on the distribution side (outgoing side) and 4 or 12 tubes on the incoming side
- Flexible installation thanks to the possibility of installing tubes with an outer diameter of 7, 10, 12, 16 mm on the distribution side and up to 21 mm on the incoming cable side
- 2** • Expansion capacity of up to 1728 splices thanks to maximum accommodation of 2 rows of up to 72 splice cassettes (of 4 mm height)
- Clear arrangement thanks to division of splice cassettes in the door and cable management in the enclosure
- Splice cassette holder pre-mounted in the door for up to 2 x 72 splice cassettes
- Additional protection of splice cassettes by cover (not shown in the illustration)
- 3** • Maintenance of bending radii and protection of cables during transfer from the over length tray to the splice cassettes by using an anti-kink hose
- 7** • Variable door locking at 90° or 180°
- 8** • Over length storage for micro and mini cables on the rear side, possible thanks to cable guides
- 9** • Special cable clamping block for safe interception of incoming micro and mini cables
- Door hinge on left
- Height above ground: 1190 mm
- Protection class IP54
- Dimensions of enclosure (WxHxD): 785x850x324 mm
- Dimensions base (WxHxD): 785x950x310 mm
- Material: glass-fibre reinforced polyester
- RAL 7035 (light grey)

Article	Max. number of tubes	Max. number of tubes 7 mm	Max. Number of tubes 10 mm	Max. number of tubes 12 mm	Article-No.	Fig.
NVT 10/60 fibre network distribution cabinet	60		60		123964	
NVT 10/96 fibre network distribution cabinet	96	90		6	123965	
NVT 10/144 fibre network distribution cabinet	144	144	144		124854	1
Plinth for Nvt 10					123419	2
Speedpipe holder up to 6 pipes					123052	

## FIBRE OPTIC NETWORK DISTRIBUTOR NVT 10





# NVT 20 FIBRE OPTIC NETWORK DISTRIBUTOR

The CobiNet assembly service

Individual product configurations  
can be pre-assembled in the factory

## Glass fibre network distributor Nvt 20

- Glass fibre network distributor, made of glass fibre reinforced polyester
- High impact resistance even at low outside temperatures
- Protection of the enclosure in case of collisions by predetermined breaking point
- Uninterrupted operation after a collision thanks to exchangeability of parts of the enclosure or the complete enclosure during operation
- Separation of the main cables and branch cables by means of a two-part baseplate
- Easy insertion of cables even after installation thanks to removable base cover
- High security against unauthorised access thanks to three-point locking with swivelling lever handle and optional profile half cylinder
- Double door for better accessibility of the installed components
- Door hold-open at 90°
- Clear arrangement by dividing the components splice cassettes in the door and cable management in the enclosure
- Capacity tube: up to 180 pieces on the Vzk side (branch cable, outgoing side)
- 4 or 12 tubes on the HK side (main cable, input side)
- Insertion and interception of 12 cables or empty conduits possible
- Interception of the central cable elements via sheath wedge clamps
- Flexibility in expansion thanks to the possibility of installing tubes with the outer diameter: 7, 10, 12, 16 mm on the Vzk side and up to 21 mm on the HK side
- Expansion capacity of up to 2592 splices thanks to maximum capacity of 3 rows of 72 splice cassettes 12 splices each
- Excess length storage for micro and mini cables possible on the rear side thanks to cable guides
- Secure interception of incoming micro and mini cables by special cable clamping block
- Cassette side slightly offset to the front for better handling
- Protection class IP54
- Dimensions enclosure (WxHxD): 1450x1080x470 mm
- Base dimensions (WxHxD): 1443x950x465 mm
- Height above ground level 1190 mm
- Material: glass fibre reinforced polyester
- RAL 7035 (light grey)

Article	Max. number of tubes	Max. number of tubes 7 mm	Max. number of tubes 10 mm	Article-No.	Fig.
NVT 20/180 fibre network distribution cabinet	180	180	180	125520	1
Socket for NVT 20 fibre network distribution cabinet				125234	

# NVT 20 FIBRE OPTIC NETWORK DISTRIBUTOR



1

# ACCESSORIES FOR FIBRE OPTIC NETWORK DISTRIBUTORS

The CobiNet assembly service

Individual product configurations  
can be pre-assembled in the factory

## Splice cassette UC19

- Single circuit management (SCM) or multi circuit management (MCM)
- Integrated individual storage of crimp or shrink splice protectors
- Incl. integrated cross-connect unit, the fibres can be inserted into the splice cassette from one side. A change of direction can then take place in the cassette so that the splice can be laid down correctly again
- Storage of up to 2.1 m excess fibre length with a 250 µm fibre
- Bend radius: 30 mm
- Labelling field for labelling
- Dimensions (WxHxL): CobiNet splice cassette 4 mm: 4x140x111 mm or CobiNet splice cassette 8 mm: 8x140x111 mm
- Labeling field for labeling
- Dimensions (WxHxL): CobiNet splice cassette 4 mm: 4x140x111 mm or CobiNet splice cassette 8 mm: 8x140x111 mm



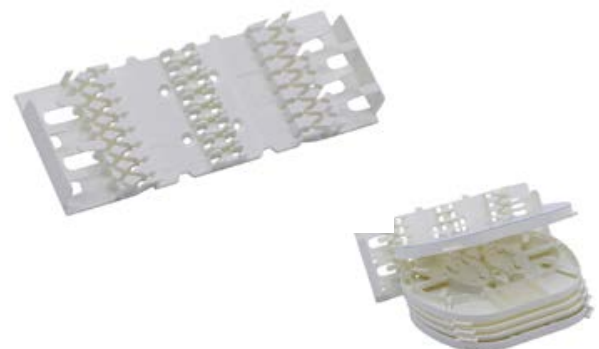
Application example

Article	Splice cassette height	Splice	Management	Integrated ind. splice holder	Article-No.
Splice cassette UC19-404	4 mm	Crimp	SCM	4	123395
Splice cassette UC19-406	4 mm	Crimp	SCM	6	123396
Splice cassette UC19-412	4 mm	Crimp	SCM	12	123397
Splice cassette UC19-812 mm	8 mm	Crimp	MCM	12	123398
Splice cassette UC19-824	8 mm	Crimp	MCM	24	123399
Splice cassette UC19-8002 incl. storage for 2 PLC splitter 4x7 mm	8 mm	Crimp	Crimp	12	123815

## Splice cassette holder UC19

- For 8 single circuit management (SCM) or 4 multi circuit management (MCM) splice cassettes incl. fibre routing for radius limitation
- Dimensions (WXHXL): 158.2x62.7x18.0 mm
- Screw dimension 25x25 mm for M3 countersunk head screw

Article	Article-No.
Splice cassette carrier plate UC19	123393



## ACCESSORIES FOR FIBRE OPTIC NETWORK DISTRIBUTORS

### Splice cassette cover UC19

- Transparent cover for single circuit management (SCM) or multi circuit management (MCM) splice cassettes

Article	Article-No.
Splice cassette cover UC19	123394



### Marking clips for splice cassette UC19

- Marking clips for splice cassette UC19, set of 30 pieces
- Basic colour: white, imprint: black
- Used for cable with diameter 1.9-2.6 mm
- Up to 6 marking clips possible on the splice cassette UC19

Article	Article-No.	Fig.
Marking ring with no.: 0	124393	
Marking ring with no.: 1	124394	1
Marking ring with no.: 2	124395	
Marking ring with no.: 3	124396	
Marking ring with no.: 4	124397	
Marking ring with no.: 5	124398	
Marking ring with no.: 6	124399	
Marking ring with no.: 7	124400	
Marking ring with no.: 8	124401	
Marking ring with no.: 9	124402	



## ACCESSORIES FOR FIBRE OPTIC NETWORK DISTRIBUTORS

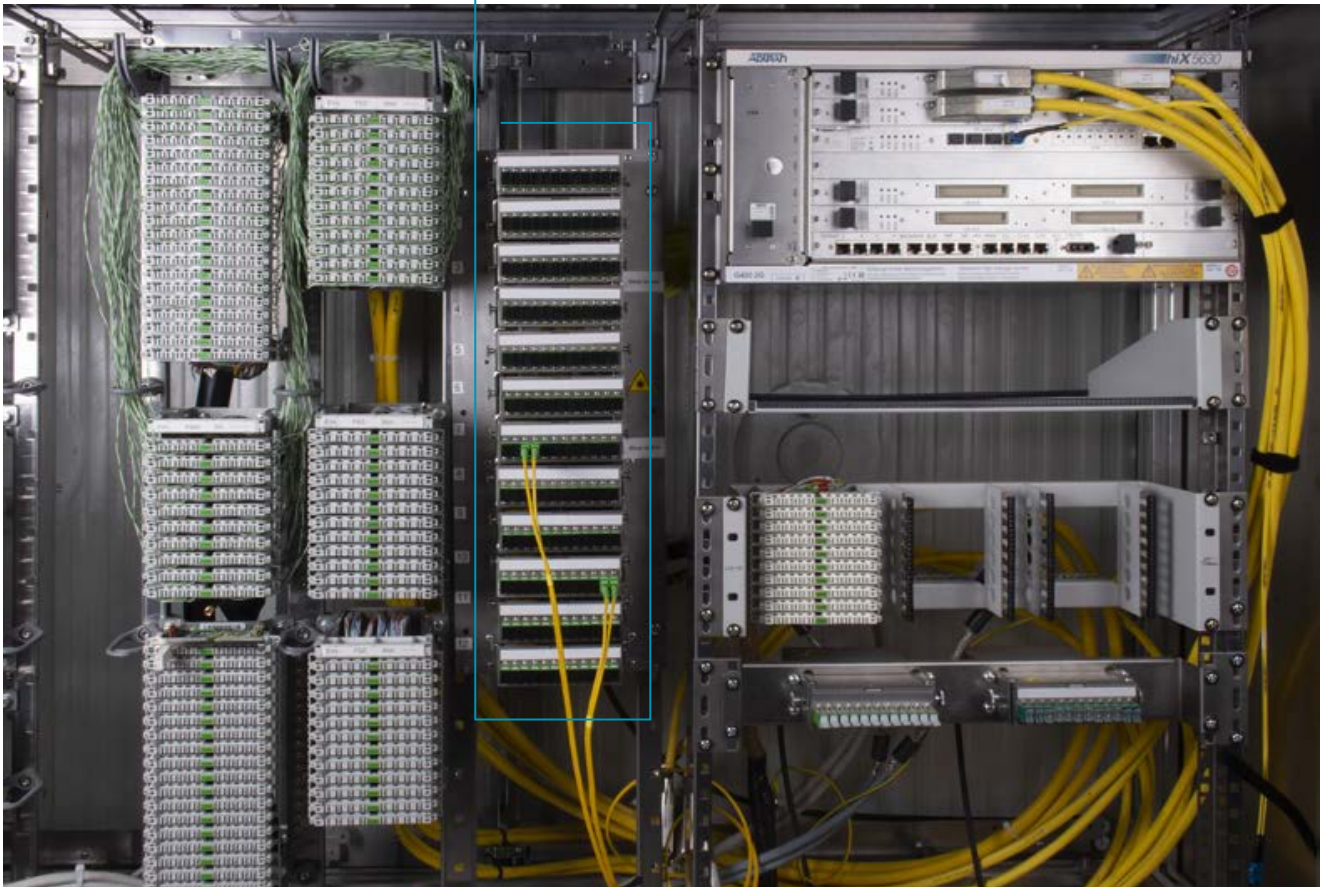
### Fibre optic network distributor Gf-AB mini

- Deployment in multifunctional enclosure (MFE)
- Fibre optic termination for installation bay in the multifunctional enclosure
- Assembled with connected adapters and fibre optic cable A-DQ(BN)H 1x12 E9/125
- Cable suitable for direct laying in the ground
- Incl. mounting material and bracket for installation in the telecommunications bay of a multifunctional enclosure
- Dimensions (WxHxL): 119x39.5x160 mm

Adapter	cable length	Article-No.	Fig.
LC-DX/APC 8°	25 m	123537	
LC-DX/APC 8°	50 m	123538	
SC-SX/APC 8°	25 m	123535	1
SC-SX/APC 8°	50 m	123536	
E-2000®-SX/APC 8°	25 m	123539	
E-2000®-SX/APC 8°	50 m	123540	



Application example



## ACCESSORIES FOR FIBRE OPTIC NETWORK DISTRIBUTORS

### Crimp splice protector

- For protecting fusion splice of single fibre
- Metal protector, inside coated with permanently elastic material
- 1 set = 150 pcs
- Length: 30 mm



#### Article

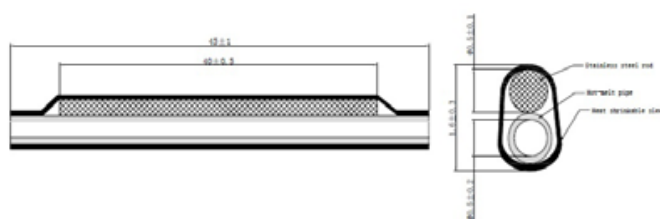
#### Article-No.

Crimp splice protector, Telekom approved

121444

### Shrink splice protector

- For protecting fusion splice of single fibre
- Metal protector, inside coated with permanently elastic material
- Suitable for most crimp splice protection holder thanks to slim design
- 1 set = 100 units shrink splice protector
- Length: 45 mm
- Diameter: 1.6 mm, after shrinking approx. 1.2 mm



#### Article

#### Article-No.

Shrink splice protector for crimp splice protection holder

123650

## FTTX ACCESSORIES

### Marker Ball MB22

- Marker ball for locating communication cables buried in the ground
- Self aligning
- Material: HDPE
- Colour: Orange
- Frequency: 101.4 kHz
- Max. laying depth: 1.5 m
- 1 VE = 30 pcs



#### Article

#### Article-No.

Marker Ball MB22, 101,4 kHz

126389

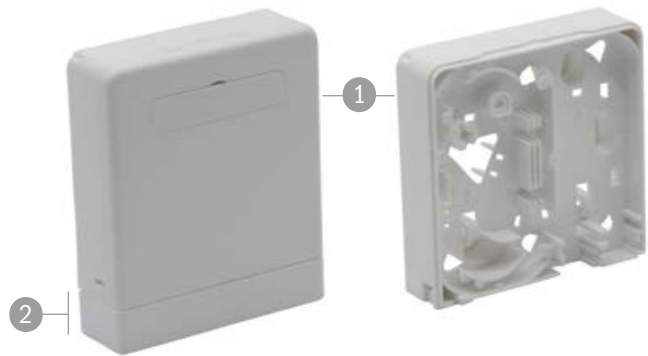


## OPTICAL TERMINATION SOCKET APARTMENT

### Fibre optic walloutlet W019, unequipped

- For termination of the in-house fibre optic cabling
- Capacity for 7 mm empty tube so that the cable can be blown directly into the socket
- Cable is guided into the socket as it exits the tubes
- Socket suitable for pre-assembled cable or installation of pigtails
- Cable inlet options from the rear, left, right, top or bottom
- Excess length storage at the rear
- Cover latched, enclosed locking screw can be used optionally
- Capacity of up to 2 LC-DX or SC-SX adapters
- Mounting options: switch box (80 mm), DIN rail (TH 35, TS 35), wall mounting (application 20 mm)
- Capacity of up to 4 x crimp or shrink splice protectors

- Incl. labeling field
- Enclosure material: PC + ABS
- Colour: Cable and socket similar to RAL 9010 (pure white)



#### Article

Fibre optic walloutlet W019 for crimp splice, unequipped

#### Article-No.

123182

#### Fig.

1

Access protection for fiber optic walloutlet W019 and fiber optic rollerbox W019

123184

2

### Fibre optic walloutlet W019, equipped

- For termination of the in-house fibre optic cabling
- Capacity for 7 mm empty tube so that the cable can be blown directly into the socket
- Cable is guided into the socket as it exits the tubes
- Socket suitable for pre-assembled cable or installation of pigtails
- Cable inlet options from the rear, left, right, top or bottom
- Excess length storage at the rear
- Cover latched, enclosed locking screw can be used optionally
- Capacity of up to 2 LC-DX or SC-SX adapters
- Mounting options: switch box (80 mm), DIN rail (TH 35, TS 35), wall mounting (application 20 mm)
- Capacity of up to 4 x crimp or shrink splice protectors

- Incl. labeling field
- Enclosure material: PC + ABS
- Colour: Cable and socket similar to RAL 9010 (pure white)



#### Article

Fibre optic walloutlet W019 equipped with LC-DX/APC 8° OS2 adapters

#### Number of adapters

1

#### Number of pigtails

2

#### Article-No.

124197

#### Fig.

3

Fibre optic walloutlet W019 equipped with LC-DX/APC 8° OS2 adapters

2

4

124198

Fibre optic walloutlet W019 equipped with SC-DX/APC 8° OS2 adapters

1

1

124195

Fibre optic walloutlet W019 equipped with SC-DX/APC 8° OS2 adapters

2

2

124196

## FTTH ROLLERBOX, CONNECTION SET INCL. CABLE

### FtTH Rollerbox W019

- Ready-to-use pre-assembled connection set incl. fibre optic walloutlet W019 and in-house cable
- GHMT Type Approval
- Fibre: OS2, G.657.A2
- To make connections to the house distribution point (HDP)
- Adapters incl. shutter
- Cover latched, enclosed locking screw can be used optionally
- With retraction aid
- Capacity for 7 mm empty tubes for blowing cable directly into socket
- Cable inlet options from the rear, left, right, top or bottom
- Excess length storage at the rear
- Mounting options: switch box (80 mm), DIN rail (TH 35, TS 35)
- Capacity of up to 2 LC-DX or SC-SX adapters
- Capacity of up to 4 x crimp or shrink splice protectors
- Incl. labeling field
- Possibility to use the optional access protection 123184
- Enclosure material: PC + ABS
- Colour: similar to RAL 9010 (pure white)

Article	Number of adapters	Cable length in m	Article-No.	Fig.
LC-DX/APC 8° FtTH-Rollerbox W019	1	15	125859	
LC-DX/APC 8° FtTH-Rollerbox W019	1	30	123664	1
LC-DX/APC 8° FtTH-Rollerbox W019	2	30	123665	
LC-DX/APC 8° FtTH-Rollerbox W019	1	50	123666	
LC-DX/APC 8° FtTH-Rollerbox W019	2	50	123667	
LC-DX/APC 8° FtTH-Rollerbox W019	1	70	123668	
LC-DX/APC 8° FtTH-Rollerbox W019	2	70	123669	
SC-SX/APC 8° FtTH-Rollerbox W019	1	30	123670	
SC-SX/APC 8° FtTH-Rollerbox W019	2	30	123671	
SC-SX/APC 8° FtTH-Rollerbox W019	1	50	123672	
SC-SX/APC 8° FtTH-Rollerbox W019	2	50	123673	
SC-SX/APC 8° FtTH-Rollerbox W019	1	70	123674	
SC-SX/APC 8° FtTH-Rollerbox W019	2	70	123675	



## FIELD-TERMINABLE FIBRE OPTIC CONNECTORS

### Fibre optic field installation connector

- 1 set = 4 fibre optic connectors
- For use with fibre optic cable single mode OS2 0.9 mm
- Insertion loss:  $\leq 0.30$  dB
- Return loss:  $\geq 60.0$  dB
- Tensile strength: 10 N
- Green connector, black kink protection
- Easy to install as only one pair of Miller setting pliers and a glass cutter (cleaver) is needed
- Material: plastic

Article	Article-No.	Fig.
Fibre optic connector LC-SX/APC 8°	123105	
Fibre optic connector SC-SX/APC 8°	123106	2



## SPLICE BOX AND DISTRIBUTOR ENCLOSURE OD 12/24



### Features:

- material: structured ASA, extremely durable plastic, impact resistant and weatherproof
- colour: similar to RAL 7035 (light grey)
- protection class adapters IEC 60529: IP 54
- cover locking by means of latching hook with possibility of lead sealing
- splice cassette for easy installation and maintenance with the greatest possible protection of the fibres with cross-connect option and fibre overlength tray
- designed for 24 fibres when splicing, 24 fibres outgoing possible as distributor enclosure with optical adapters
- possibility to install a profile half cylinder for integration into your locking system
- strain relief for cables and patch cables
- mounting and fixing for gas/water blocker
- patch cable outlet with flexible lamella seal
- incl. modular adapter plates with cut-outs for fibre optic adapters
  - ST, FC, DIN (LSA)
  - LC-DX, SC-SX, E-2000®-SX, MTRJ
  - SC-DX, LC-Quad
  - E-2000® -DX
- equipped with: adapters, pigtails, splice cassette, splice holder, splice cassette holder
- adapters inserted or screwed, pigtails inserted into adapters and inserted into splice cassette with separate secondary coating
- colour code adapters IEC 60304 (12 colours)
- mounting option for optical adapters
- cable inlet with metric gland:  
2 x M 20 gland and option to use 2 x M 25 screw connections

# SPLICE BOX AND DISTRIBUTOR ENCLOSURE OD 12/24

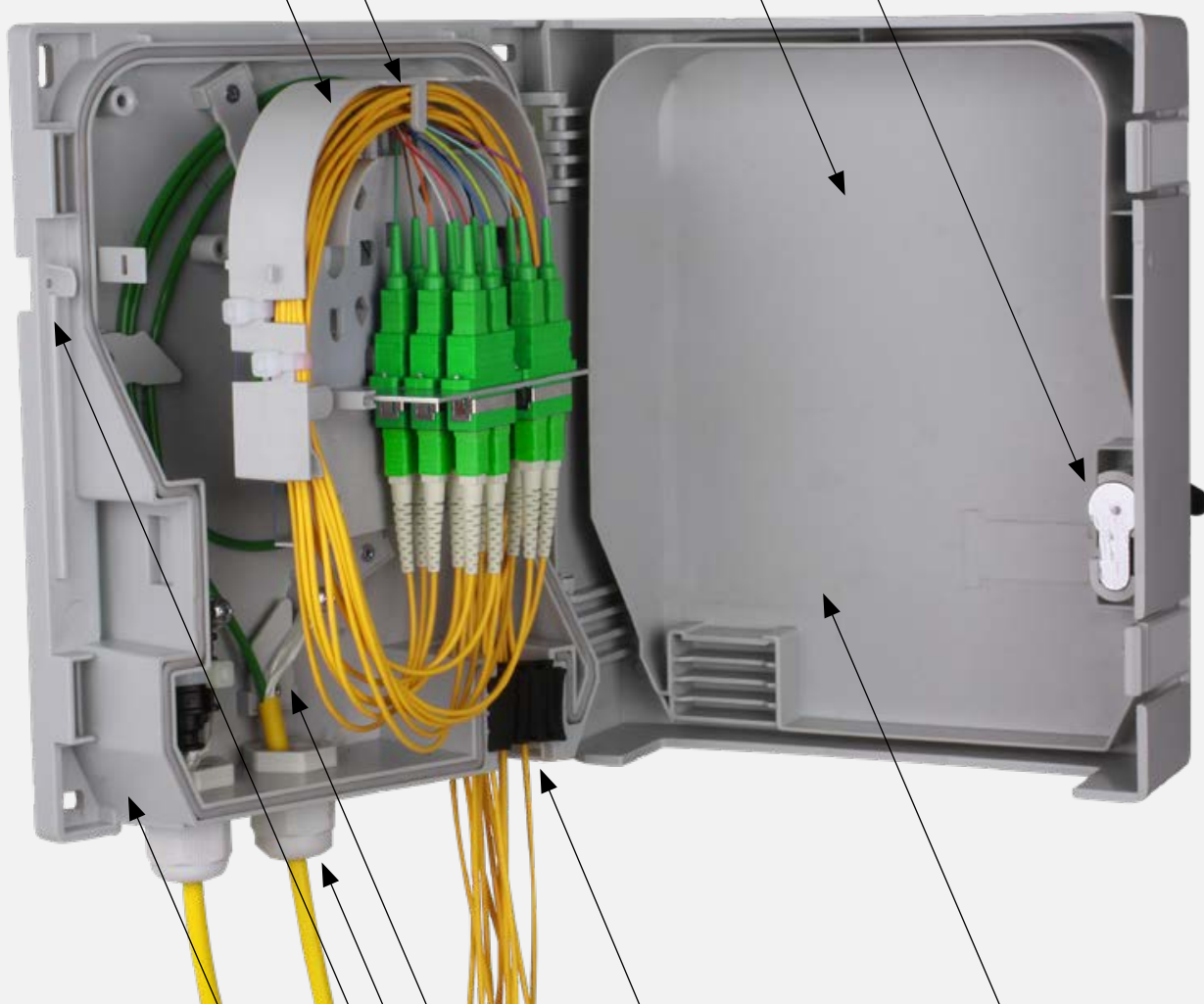
## Features of splice box/distributor enclosure OD12/24

profile half cylinder can be installed on-site

structured ASA (impact resistant)  
colour: similar to RAL 7035 (light grey)

cassette can be swiveled  
for easy wiring

rear installation of  
2 x splitters possible



cover removable

patch cable outlet with  
flexible lamella seal

strain relief for cable and patch cable

inlet with metric screw connection lid

locking by means of latching hook  
with possibility of lead sealing

installation of up to 2 gas blockers

# SPLICE ENCLOSURE OD 06

The CobiNet assembly service  
Individual product configurations  
can be pre-assembled in the factory

## Splice enclosure OD 06, unequipped

- Up to 7 enclosures can be placed side by side
- Cover removable upwards
- Incl. modular adapter plate with cut-outs for fibre optic adapters up to 6 x SC-SX, E-2000®-SX or LC-DX
- Possibility to mount and fix up to 6 gas/water blockers
- Capacity for a 40x4x4 mm splitter
- Installation space for profile half-cylinder
- Capacity for up to 6 empty tubes (7 mm)
- Lead sealable
- Incl. foldable splice cassette for up to 12 fibres
- Protection class: IP54
- Material: plastic ASA, halogen-free and impact resistant
- Dimensions (WxHxL): 174x253x54 mm
- Colour: similar to RAL 7035 (light grey)

### Article

### Article-No. Fig.

Splice box OD 06, unequipped incl. adapter plate and splice cassette	122826	1
Splice box OD 06, unequipped Incl. adapter plate and splice cassette Incl. mounted profile half-cylinder and 2 keys	122827	
Stacking kit for splice box OD 06 to maintain protection class IP 54	123170	



# SPLICE ENCLOSURE OD 06

The CobiNet assembly service

Individual product configurations  
can be pre-assembled in the factory

## Splice enclosure OD 06, equipped

- Up to 7 enclosures can be placed side by side
- Cover removable upwards
- Incl. modular adapter plate with cut-outs for fibre optic adapters up to 6 x SC-SX, E-2000®-SX or LC-DX
- Possibility to mount and fix up to 6 gas/water blockers
- Capacity for a 40x4x4 mm splitter
- Installation space for profile half-cylinder
- Capacity for up to 6 empty tubes (7 mm)
- Lead sealable
- Incl. foldable splice cassette for up to 12 fibres
- Protection class: IP54
- Material: plastic ASA, halogen-free and impact resistant
- Dimensions (WxHxL): 174x253x54 mm
- Colour: similar to RAL 7035 (light grey)

Article	Fibre quality	Polish	Adapter	Number of pigtails	Article-No.	Fig.
OD 06 incl. 6 SC-SX adapters, incl. pigtails	OS2, G.657.A2	APC 8°	SC	6	123210	
OD 06 Incl. LC-DX/APC adapters, incl. pigtails	OS2, G.657.A2	APC 8°	LC	6	122894	1
OD 06 incl. 6 LC-DX/APC adapters, incl. pigtails, incl. profil half zylinder	OS2, G.657.A2	APC 8°	LC	12	122925	
OD 06 incl. with 6 E-2000®-SX adapters, incl. pigtails	OS2, G.657.A2	APC 8°	E-2000®	6	123773	
OD 06 incl. with 2 LC-DX/APC adapters, incl. pigtails	OS2, G.657.A2	APC 8°	LC	4	125570	





# SPLICE ENCLOSURE OD12

The CobiNet assembly service  
Individual product configurations  
can be pre-assembled in the factory

## Splice enclosure OD12, unequipped

- Incl. three modular adapter plates with cut-outs for fiber optic adapters
- Adapter plate 1 for up to 9x LC-DX, SC-SX or E-2000®-SX
- Adapter plate 2 for up to 6x SC-DX or LC-Quad
- Adapter plate 3 for up to 6xE-2000®-DX
- Possibility to mount and fix a gas/water blocker
- Installation space for profile half-cylinder
- Lead sealable
- Splice holder for 12 splices
- Protection class: IP54
- Dimensions (WxHxL): 200x235x67 mm
- Material: ASA, halogen-free and impact resistant
- Colour: similar to RAL 7035 (light grey)

Article	Article-No.	Fig.
Splice box OD12, unequipped	116919	1
Splice enclosure OD12, unequipped with profile-half cylinder and 2 keys	120318	2



1  
without closing



2  
with closing

## Profile half-cylinder

- For installation in swiveling lever handles and enclosures
- Closing: EK 333 with 2 keys
- Length: 40mm

Article	Article-No.
Profile half-cylinder	103568



# THE COBINET ASSEMBLY SERVICE FOR YOUR PROJECT

- Shorter project durations through project-specific assemblies in the factory, e.g. network cabinets, floor tank inserts and cable bundles (trunks)
- Minimised error costs through assembly under industrial conditions
- Optimises and saves your resources in times of staff-shortage
- Facilitated construction-site logistics and optimised waste disposal
- Highest quality through GHMT PVP-certified components



## SPLICE ENCLOSURE OD12

The CobiNet assembly service

Individual product configurations  
can be pre-assembled in the factory

### Splice enclosure OD12, equipped

- Incl. equipped adapter plates with cut-outs for fibre optic adapters
- Possibility to mount and fix a gas/water blocker
- Installation space for profile half-cylinder
- Lead sealable
- Splice holder for 12 splices
- Dimensions (WxHxL): 200x235x67 mm
- Material: ASA, halogen-free and impact resistant
- Colour: similar to RAL 7035 (light grey)



Article	Fibre quality	Fibre strength	Polish
OD 12 equipped with 6 SC-DX adapters, incl. pigtails	OS2, G.657.A2	E9/125	APC 8°
OD 12 equipped with 6 SC-DX adapters, incl. pigtails	OS2, G.657.A2	E9/125	PC
OD 12 equipped with 6 SC-DX adapters, incl. pigtails	OM3, G.651.1	G50/125	PC
OD 12 equipped with 6 SC-DX adapters, incl. pigtails	OM4, G.651.1	G50/125	PC
OD 12 equipped with 3 LC-Quad adapters, incl. pigtails	OS2, G.657.A2	E9/125	APC 8°
OD 12 equipped with 3 LC-Quad adapters, incl. pigtails	OS2, G.657.A2	E9/125	PC
OD 12 equipped with 3 LC-Quad adapters, incl. pigtails	OM3, G.651.1	G50/125	PC
OD 12 equipped with 3 LC-Quad adapters, incl. pigtails	OM4, G.651.1	G50/125	PC
OD 12 equipped with 6 LC-DX adapters, incl. pigtails	OS2, G.657.A2	E9/125	PC
OD 12 equipped with 6 LC-DX adapters, incl. pigtails	OS2, G.657.A2	E9/125	APC 8°
OD 12 equipped with 6 LC-DX adapters, incl. pigtails	OM3, G.651.1	G50/125	PC
OD 12 equipped with 6 LC-DX adapters, incl. pigtails	OM4, G.651.1	G50/125	PC
OD 12 equipped with 6 LC-DX adapters, incl. pigtails	OS2, G.657.A2	E9/125	APC 8°
OD 12 equipped with 6 LC-DX adapters, incl. pigtails	OS2, G.657.A2	E9/125	PC

## SPLICE ENCLOSURE OD12



Application example

Adapter material	Adapter count	Pigtails	Article-No.
plastic, green	6	12 x SC/APC	119063
plastic, blue	6	12 x SC/PC	117111
plastic, aqua	6	12 x SC/PC	120908
plastic, heather violet	6	12 x SC/PC	120909
plastic, green	3	12 x LC/APC	120913
plastic, blue	3	12 x LC/PC	120912
plastic, aqua	3	12 x LC/PC	120915
plastic, heather violet	3	12 x LC/PC	120916
plastic, blue	6	12 x LC/PC	117110
plastic, green	6	12 x LC/PC	118292
plastic, aqua	6	12 x LC/PC	120911
plastic, heather violet	6	12 x LC/PC	120238
plastic, green	6	12 x E-2000®/APC	117300
plastic, blue	6	12 x E-2000®/PC	117919

# SPLICE ENCLOSURE OD24

The CobiNet assembly service

Individual product configurations  
can be pre-assembled in the factory

## Splice enclosure OD24, unequipped

- Incl. 3 modular adapter plates with cut-outs for fibre optic adapters
- Adapter plate 1 for up to 12x LC-DX, SC-SX, E-2000®-SX or MTRJ
- Adapter plate 2 for up to 9x SC-DX or LC-Quad
- Adapter plate 3 for up to 12x SC-DX, 6 x LC Quad without screw fastening
- Installation option of up to 2 splitters
- Splice holder for 24 splices
- Possibility to mount and fix a gas/water blocker
- Installation space for profile half-cylinder
- Lead sealable
- Protection class: IP 54
- Dimensions (WxHxL): 200x235x67 mm
- Material: ASA, halogen-free and impact resistant
- Colour: similar to RAL 7035 (light grey)



1

Article	Article-No.	Fig.
Splice enclosure OD24, unequipped	121469	1
Splice enclosure OD 24, unequipped, incl. mounted profile half-cylinder and 2 keys	121984	

The CobiNet assembly service

Individual product configurations  
can be pre-assembled in the factory

## Splice enclosure OD24, equipped

- Incl. equipped adapter plates with cut-outs for fibre optic adapters and splice receptacle
- Installation option of up to 2 splitters
- Splice holder for 24 splices
- Possibility to mount and fix a gas/water blocker
- Installation space for profile half-cylinder
- Lead sealable
- Protection class: IP 54
- Dimensions (WxHxL): 200x235x67 mm
- Material: ASA, halogen-free and impact resistant
- Colour: similar to RAL 7035 (light grey)

Article	Fibre quality	Fibre strength	Polish
OD 24 equipped with 6 LC-Quad adapters, incl. pigtailed	OS2, G.657.A2	E9/125	APC 8°
OD 24 equipped with 6 LC-Quad adapters, incl. pigtailed	OS2, G.657.A2	E9/125	PC
OD 24 equipped with 6 LC-Quad adapters, incl. pigtailed	OM3, G.651.1	G50/125	PC
OD 24 equipped with 6 LC-Quad adapters, incl. pigtailed	OM4, G.651.1	G50/125	PC
OD 24 equipped with 12 SC-DX adapters, incl. pigtailed	OS2, G.657.A2	E9/125	APC8°
OD 24 equipped with 12 SC-DX adapters, incl. pigtailed	OS2, G.657.A2	E9/125	PC
OD 24 equipped with 12 SC-DX adapters, incl. pigtailed	OM3, G.651.1	G50/125	PC
OD 24 equipped with 12 SC-DX adapters, incl. pigtailed	OM4, G.651.1	G50/125	PC
OD 24 equipped with 6 E-2000®-DX/APC adapters, incl. pigtailed	OS2, G.657.A2	E9/125	APC 8°
OD 24 equipped with 12 E-2000®-DX/APC adapters, incl. pigtailed	OS2, G.657.A2	E9/125	APC 8°



# SPLICE ENCLOSURE OD24



2



Application example

Adapter material	Adapter count	Pigtails	Article-No.	Fig.
plastic, green	6	24 x LC/APC	121465	
plastic, blue	6	24 x LC/PC	121464	
plastic, aqua	6	24 x LC/PC	121467	
plastic, heather violet	6	24 x LC/PC	121468	
plastic, green	12	24 x SC/APC	121460	2
plastic, blue	12	24 x SC/PC	121459	
plastic, aqua	12	24 x SC/PC	121462	
plastic, heather violet	12	24 x SC/PC	121463	
plastic, green	6	12 x E-2000®/APC	121891	
plastic, green	12	24 x E-2000®/APC	121876	

## SPLICE ENCLOSURE KS48

The CobiNet assembly service

Individual product configurations  
can be pre-assembled in the factory

### Fibre plastic distributor enclosure KS48, unequipped

- Lockable door
- For up to 48x SC-SX-, 48x E-2000®-SX-, or 24x LC-DX adapters
- Incl. 2 splice cassettes for up to 48 crimp splices with cover
- Surface mounting
- Protection class: IP 54
- Dimensions (WxHxL): 250x380x90 mm
- Colour: similar to RAL 7035 (light grey)

#### Article

#### Article-No.

Fibre plastic distributor enclosure KS48, unequipped

121128





# MAKE IT EASY!

## The revolutionary CobiNet RJ45-TL<sup>®</sup>-System



Installation video, data sheets  
and additional information

[www.cobinet.com/rj45-tl](http://www.cobinet.com/rj45-tl)

Less stress during installation and operation

- Safe operation thanks to full 10G performance in accordance with Cat. 6A - component standard, independently proofed by GHMT Type Approval
- Safe operation of all PoE applications up to 90 watts (4 Ppoe according to IEEE 802.3bt) thanks to optimised RJ45 contact surfaces

### RJ45-TL<sup>®</sup> patch panel

- Time-saving, tool-free wiring of the data cable through innovative lever mechanism
- Time saving and easy handling thanks to strain relief without cable ties
- Convenient wiring of the RJ45 jacks at the front in installed condition
- Optimum dust protection and port marking by exchangeable dust protection flaps in different colours

### RJ45-TL<sup>®</sup> jack

- Top price-performance ratio thanks to double jack construction
- Time-saving installation of the double jack compared compared to the installation of two classic network jacks
- Simple, tool-free installation of the wires
- Space-saving installation without cable stress - fits perfectly into flat switch boxes and eliminates the need for use of electronic in-wall boxes

## BUILDING DISTRIBUTION ENCLOSURES

The CobiNet assembly service

Individual product configurations  
can be pre-assembled in the factory

### Distribution enclosure FDC20

- For connecting residential units to the fibre optic network
- Can be equipped with:
  - LC-DX/APC 8° adapters and pigtails
  - Adapter holder for up to 6 LC-DX adapters
  - Up to 8 splice cassettes for up to 12 splices each
  - 1 LSA disconnection module on mounting tray
- Surface-mounted frame 80x80 mm for mounting a coaxial or data socket
- Cable entries at the rear, from above and below
- Incl. 6 cable guides
- Dimensions: (WxHxD) 333x333x115 mm
- Material enclosure: galvanised sheet steel, cover powder-coated
- Colour cover: RAL 7035 (light grey)

Article	Number of splice cassettes	Fibre quality	Fibre strength	Polish	Adapter material	Adapter count	Pigtails	Article-No.
Distribution enclosure FDC20, equipped	1	OS2, G.657.A2	E9/125	APC 8°	plastic, green	3 x LC-DX/APC	6 x LC/APC	124296
Distribution enclosure FDC20, equipped	1	OS2, G.657.A2	E9/125	APC 8°	plastic, green	6 x LC-DX/APC	12 x LC/APC	124295



Application example with RJ45-network socket

# BUILDING DISTRIBUTION ENCLOSURES

The CobiNet assembly service

Individual product configurations  
can be pre-assembled in the factory

## Distribution enclosure FDC30

- For connecting larger residential units to the fibre optic network
- Closed enclosure with mounting plate made of perforated sheet metal
- Cable entries from below, front door with three-point locking and profile half cylinder
- Can be equipped with e.g. CobiNet universal splice cassettes UC19, ABS splitter cassettes, fibre optic adapters and pigtails
- Dimensions: (WxHxD) 600x630x216 mm
- Material: galvanised sheet steel, powder-coated cover
- Colour: RAL 7035 (light grey)

Article	Number of splice cassettes	Fibre quality	Fibre strength	Polish	Adapter material	Adapter count	Pigtails	Article-No.
Distribution enclosure FDC30, unequipped	-	-	-	-	-	-	-	124978
Distribution enclosure FDC30, equipped	40	-	-	-	-	-	-	125119
Distribution enclosure FDC30, equipped	8	OS2, G.657.A2	E9/125	APC 8°	plastic, green	24 x LC-DX/APC	48 x LC/APC	125670



## FTTX INSTALLATION CABLE

**Blow-in cable A-DQ(ZN)B2Y**

- Single mode, E9/125 µm, OS2, G.657.A1
- Central loose tube filled with gel for cable diameters 2.5 and 2.9 mm
- Central loose tube filled with gel for cable diameter 4.6 mm
- Non-metallic rodent protection Aramid
- Outer sheath: HDPE
- Suitable for 7, 10 or 12 mm tubes
- Length: 6 km



1

Article	Cable diameter	Diameter tubes inside/outside	Article-No.	Fig.
4 fibres	2.5 mm	7/4 mm	123460	1
4 fibres	2.5 mm	10/6 mm	123469	
6 fibres	2.5 mm	7/4 mm	123458	
12 fibres	2.5 mm	7/4 mm	123461	
12 fibres	4.6 mm	10/6 mm	123471	
12 fibres	4.6 mm	12/8 mm	123466	
24 fibres	2.9 mm	7/4 mm	123462	
24 fibres	4.6 mm	10/6 mm	123472	
24 fibres	4.6 mm	12/8 mm	123467	
48 fibres	4.6 mm	10/6 mm	123473	
48 fibres	4.6 mm	12/8 mm	123468	



## FTTX INSTALLATION CABLE

**Drop cable**

- Single mode, E9/125 µm, OS2, G.657.A2
- Central loose tube filled with gel
- Non-metallic rodent protection Aramid
- Sheath: LSZH (halogen-free)
- Suitable for 4 mm tubes
- Length: 2 km

**Article****Article-No.**

4 fibres

123475



## SIMPLEX PATCH CABLE

## Simplex patch cable I-V(ZN)H tight buffer

- For jumpering in distribution boxes or as a device connection cable
- Cable I-V(ZN)H tight buffer with connectors assembled on both sides
- Simplex patch cable
- LC/APC 8° or SC/APC 8°
- OS2 fibre
- LSZH (halogen-free)
- Sheath: 2 mm diameter



Article	Fibre quality	Polish	Length	Article-No.	Fig.
Patch cable LC	OS2, G.657.A2	APC 8°	1.0 m	121384	
Patch cable LC	OS2, G.657.A2	APC 8°	2.0 m	118791	1
Patch cable LC	OS2, G.657.A2	APC 8°	3.0 m	120395	
Patch cable LC	OS2, G.657.A2	APC 8°	4.5 m	127353	
Patch cable LC	OS2, G.657.A2	APC 8°	5.0 m	120397	
Patch cable SC	OS2, G.657.A2	APC 8°	1.0 m	116895	
Patch cable SC	OS2, G.657.A2	APC 8°	2.0 m	116947	
Patch cable SC	OS2, G.657.A2	APC 8°	3.0 m	116948	
Patch cable SC	OS2, G.657.A2	APC 8°	5.0 m	116949	

# RS18 – THE COBINET RACK SYSTEM WITH THE THIRD 19" DIMENSION

- installing the components from the front, rear, side and additionally from the top and bottom
- up to 28 rack units more 19" space due to third rack dimension
- 100 % calculation reliability  
6 door types, one price
- quick assembly through handy two-piece side panels and rack doors
- easy one person alignment of the rack due to inside adjustable feet
- for the greatest capacity possible:  
high load capacity of 1500 kg
- saving time, resources and costs on site because of pre-assembled delivery
- fits almost everywhere due to wide variety: heights from 22 to 52 RU, depths from 800 to 1200 mm, widths from 600 to 800 mm, stackable



[www.cobinet.com/network-cabinets-rs18](http://www.cobinet.com/network-cabinets-rs18)

<b>B</b>		<b>O</b>	
Blow-in cable A-DQ(ZN)B2Y	G-52	ODF Distribution rack OF22	G-14
<b>C</b>		ODF Distribution rack OF23, 40 RU	G-12
Cable guide plate, 19", incl. clamps for cable fixation	G-19	ODF Swing splice enclosure adapter holder SP20	G-22
Cable support plate with DIN-rail for cable fixation on ODF frame	G-18	ODF Swing splice enclosure SP20, equipped	G-22
Cable support rail for fibre optic cable support on ODF	G-18	ODF swing splice enclosure SP20, unequipped	G-22
CobiNet Point of presence (PoP)	G-10	ODF Swing Splice Enclosure SP22-HD	G-20
Comb for vertical tube guidance on ODF frame	G-18	<b>P</b>	
Comb with mounting plate for tube guidance on ODF frame	G-18	PLC ABS splitter module	G-24
Crimp splice protector	G-35	Please enquire individually	G-10
<b>D</b>		Profile half-cylinder	G-42
Distribution enclosure FDC20	G-50	<b>S</b>	
Distribution enclosure FDC30	G-51	Shrink splice protector	G-35
Drop cable	G-53	Simplex patch cable I-V(ZN)H tight buffer	G-54
<b>F</b>		Slide-in cassette for subrack SR20, equipped	G-23
Fibre optic field installation connector	G-37	Splice cassette cover UC19	G-33
Fibre optic network distributor Gf-AB mini	G-34	Splice cassette holder UC19	G-32
Fibre optic network distributor NVT 17	G-26	Splice cassette UC19	G-32
Fibre optic walloutlet W019, equipped	G-36	Splice enclosure OD 06, equipped	G-41
Fibre optic walloutlet W019, unequipped	G-36	Splice enclosure OD 06, unequipped	G-40
Fibre plastic distributor enclosure KS48, unequipped	G-48	Splice enclosure OD12, equipped	G-44
FtTH Rollerbox W019	G-37	Splice enclosure OD12, unequipped	G-42
<b>G</b>		Splice enclosure OD24, equipped	G-46
Glass fibre network distributor NVt 10	G-28	Splice enclosure OD24, unequipped	G-46
Glass fibre network distributor NVt 20	G-30	Splitter Distribution enclosure 19 Inch	G-25
<b>H</b>		Subrack SR20, unequipped	G-23
Holder for PLC ABS splitter module	G-19		
Holder for speed pipes	G-19		
<b>M</b>			
Marker Ball MB22	G-35		
Marking clips for splice cassette UC19	G-33		
Mini PLC splitter	G-24		
Mounting plate 19" for PLC ABS splitter module	G-19		

**Article numbers**

103568	G-42	123300	G-23	123650	G-35	126909	G-14
116895	G-54	123301	G-23	123664	G-37	126964	G-20
116919	G-42	123302	G-23	123665	G-37	127095	G-18
116947	G-54	123303	G-23	123666	G-37	127097	G-18
116948	G-54	123304	G-23	123667	G-37	127135	G-18
116949	G-54	123317	G-24	123668	G-37	127136	G-18
117110	G-44	123318	G-24	123669	G-37	127349	G-20
117111	G-44	123319	G-24	123670	G-37	127350	G-20
117300	G-44	123320	G-24	123671	G-37	127351	G-20
117919	G-44	123321	G-24	123672	G-37	127352	G-20
118292	G-44	123322	G-24	123673	G-37	127353	G-54
118791	G-54	123323	G-24	123674	G-37		
119063	G-44	123324	G-24	123675	G-37		
120238	G-44	123326	G-24	123773	G-41		
120318	G-42	123327	G-24	123815	G-32		
120395	G-54	123328	G-24	123964	G-28		
120397	G-54	123329	G-24	123965	G-28		
120908	G-44	123330	G-24	123985	G-26		
120909	G-44	123331	G-24	123986	G-26		
120911	G-44	123332	G-24	124195	G-36		
120912	G-44	123364	G-22	124196	G-36		
120913	G-44	123367	G-22	124197	G-36		
120915	G-44	123368	G-22	124198	G-36		
120916	G-44	123370	G-22	124295	G-50		
121128	G-48	123371	G-22	124296	G-50		
121384	G-54	123373	G-22	124393	G-33		
121444	G-35	123393	G-32	124394	G-33		
121459	G-47	123394	G-33	124395	G-33		
121460	G-47	123395	G-32	124396	G-33		
121462	G-47	123396	G-32	124397	G-33		
121463	G-47	123397	G-32	124398	G-33		
121464	G-47	123398	G-32	124399	G-33		
121465	G-47	123399	G-32	124400	G-33		
121467	G-47	123419	G-28	124401	G-33		
121468	G-47	123458	G-52	124402	G-33		
121469	G-46	123460	G-52	124854	G-28		
121876	G-47	123461	G-52	124885	G-25		
121891	G-47	123462	G-52	124886	G-25		
121984	G-46	123466	G-52	124978	G-51		
122826	G-40	123467	G-52	125119	G-51		
122827	G-40	123468	G-52	125234	G-30		
122894	G-41	123469	G-52	125520	G-30		
122925	G-41	123471	G-52	125570	G-41		
123052	G-28	123472	G-52	125670	G-51		
123105	G-37	123473	G-52	125859	G-37		
123106	G-37	123475	G-53	126389	G-35		
123170	G-40	123535	G-34	126579	G-20		
123182	G-36	123536	G-34	126615	G-19		
123184	G-36	123537	G-34	126616	G-19		
123210	G-41	123538	G-34	126617	G-19		
123295	G-23	123539	G-34	126623	G-19		
		123540	G-34	126908	G-14		

# THE COBINET PRODUCT CATALOGUES

Download more catalogues for our **data network technology**, **telecommunications** and **network cabinet** solutions at [www.cobinet.com/downloads](http://www.cobinet.com/downloads) or order a printed copy there





Valid as at February 2016 - CobiNet Fernmelde- und Datennetzkomponenten GmbH (hereinafter referred to as CobiNet)

## § 1 Scope, conclusion of contract

1. These General Terms and Conditions apply to all quotations, deliveries and services provided to companies under the terms of Section 14 of the German Civil Code, or to legal entities under public law or special funds under public law (customers). The same applies to all future business relationships. Deviating terms and conditions of our contracting partners are not effectively agreed.
2. Any deviating agreements must be made in writing. This also applies to an agreement to waive the requirement for the written form.
3. CobiNet reserves the copyrights to the cost estimates, quotations, drawings and other documents it has produced where these contain calculations or graphic representations. If no contract is concluded, these documents must be returned to us on request.
4. Quotations from CobiNet are subject to change and non-binding. Quotations submitted to us require our written confirmation. No contract shall be concluded without this confirmation.
5. For the purpose of making a decision regarding the establishment, implementation or termination of the contractual relationship, we ascertain or use probability values, which are calculated based on address data among other information.

## § 2 Delivery

1. Products are dispatched at the risk and cost of the recipient from the moment that they are prepared for dispatch.
2. Partial deliveries are permissible.
3. Confirmed delivery deadlines shall be extended accordingly if the customer fails to cooperate as necessary.
4. The customer is not entitled to refuse to accept goods or services as a result of immaterial defects. The customer is obliged to check the goods promptly after receipt and to report any defects immediately. Customers who exceed the reporting deadline of two weeks following receipt of goods shall lose their right to report defects, unless said defects are concealed.
5. Defective delivery items must be returned to us at the risk and cost of the customer. If the defect report proves justified, the customer shall be reimbursed the standard costs for the return.

## § 3 Payment

1. Prices are inclusive of packaging but exclusive of shipping, setup and assembly costs. Statutory VAT is calculated separately at the rate applicable at the time of delivery.
2. The invoice amount becomes due 30 days after the invoice date. If payment is made within 14 days, the customer is entitled to deduct a discount of 2%.
3. The customer is entitled to off-setting rights only in the event of claims that are determined as legally valid, undisputed or acknowledged, and to rights of retention only if its counterclaim is based on the same contractual relationship.
4. For order values below EUR 150.00, we charge a EUR 15.00 minimum quantity surcharge.
5. We charge a EUR 15.00 processing fee for every warning. Default interest of 12 % per year is due for the duration of the delay.

## § 4 Reservation of title

1. All delivery items remain our property until all claims made by us against the customer and arising from the transaction have been settled in full.
2. For the duration of the reservation of title, the customer must not pledge the goods or transfer them as security. The customer must ensure that the goods are not captured by blanket assignment or by assignment as security by its warehouse.
3. The customer is permitted to resell the goods as part of the normal course of business, provided that it has received payment from its own customer, or it is supplying the goods with reservation of title. Any claims made by the customer to its own customer as a result of reselling are hereby passed onto us, provided that these claims have not been paid in full. The customer is obliged to provide appropriate information on our request. In the event of default, we are entitled to disclose the assignment as security to the customer's customer and to request that payment be made to us.
4. We can demand the return of goods from the customer if there is a valid reason for this on the part of the customer (e.g. default of payment, suspended payment, application for the institution of insolvency proceedings, protests of bills, or indications of insolvency or over-indebtedness). In this case, we shall retain the delivery items until payment has been made in full. If this does not happen within a reasonable period of time, we are entitled to withdraw from the contract.
5. If the delivered goods are processed, mixed or combined, we are entitled to partial ownership of the new items at a proportion that corresponds to the proportion of the value of the processed goods under reservation of title in relation to the total value of all processed goods. In the event of combination with a property, the customer hereby assigns to us its claim for deliveries and services to the property owner or property user in order to secure our claim.

## § 5 Warranty

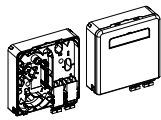
1. In the event of a defect, the customer is entitled to demand supplementary performance in the form of defect rectification. CobiNet is entitled to deliver defect-free goods instead. If the defect rectification fails twice, then the customer can reduce the purchase price or withdraw from the contract. The statutory deadlines apply to the exercising of warranty rights.
2. If the supplementary performance fails, the customer is entitled, at its own discretion, to demand a reduction of the agreed price or to withdraw from the contract.
3. In accordance with the statutory provisions, CobiNet GmbH is liable for compensation claims based on intent or gross negligence. Except in the case of intent, liability for compensation is limited to foreseeable and typical damage. This also applies in the case of other conceivable liability cases. Liability for damage as a result of minor negligence is excluded.
4. CobiNet does not accept liability for damage to the customer that is caused by persons and institutions that are not our own vicarious agents (postal service, railway service, freight forwarders). The customer is entitled to take out transportation insurance or to request that we take out an insurance policy on its behalf and at its cost.

## § 6 Place of jurisdiction and place of performance

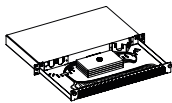
1. The place of jurisdiction is, at our discretion, our place of business or the customer's statutory place of jurisdiction.
2. Unless specified otherwise in the order confirmation, the place of performance is our place of business.

## § 7 Final provisions

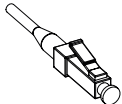
1. The law of the Federal Republic of Germany applies exclusively to the exclusion of the UN Convention on Contracts for the International Sale of Goods. This also applies to deliveries outside of the Federal Republic of Germany.
2. Verbal agreements only apply following written confirmation.
3. The customer's address and order information is processed and saved electronically. We guarantee not to forward this information to third parties for the likes of marketing purposes.
4. If individual provisions of these Terms and Conditions or additional agreements are ineffective or disputable either in full or in part, this shall not affect the effectiveness of any other provisions or agreements. An ineffective provision is considered replaced by a regulation that most closely reflects the commercial intent of the contract.



FTTH



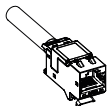
DATA CENTRE



FIBRE OPTIC TECHNOLOGY



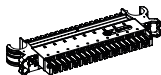
DATA CABLE FIBRE OPTIC & COPPER



COPPER DATA NETWORKS



NETWORK CABINETS



TELECOMMUNICATION



### **CobiNet Fernmelde- und Datennetzkomponenten GmbH**

Robert-Bosch-Straße 33  
68542 Heddesheim  
Germany

Phone +49 6203 4900-0  
Telefax +49 6203 4900-88

Internet [www.cobinet.com](http://www.cobinet.com)  
E-Mail [info@cobinet.com](mailto:info@cobinet.com)

### **CobiNet Ningbo COMMUNICATION TECHNOLOGY CO., LTD.**

No. 566 JinShan road, Park C  
315033 Ningbo  
PR of China

Phone +86 574 88168918

Internet [www.cobinet.cn](http://www.cobinet.cn)  
E-Mail [sales@cobinet.cn](mailto:sales@cobinet.cn)

### **CobiNet SRL**

Strada Natională 28  
547025 Albesti  
Romania



[linkedin.com/company/cobinet-fermelde-und-datennetzkomponenten-gmbh](https://www.linkedin.com/company/cobinet-fermelde-und-datennetzkomponenten-gmbh)



[youtube.cobinet.com](https://www.youtube.com/cobinet.com)

THE GERMAN  
**DEVELOPER  
AND PRODUCER**  
FOR OUTSTANDING  
NETWORK-PERFORMANCE