FAST, SAFE AND EASY TO THE PERFECT FIBRE OPTIC CONNECTION

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

THE COBINET FTTH SOLUTION
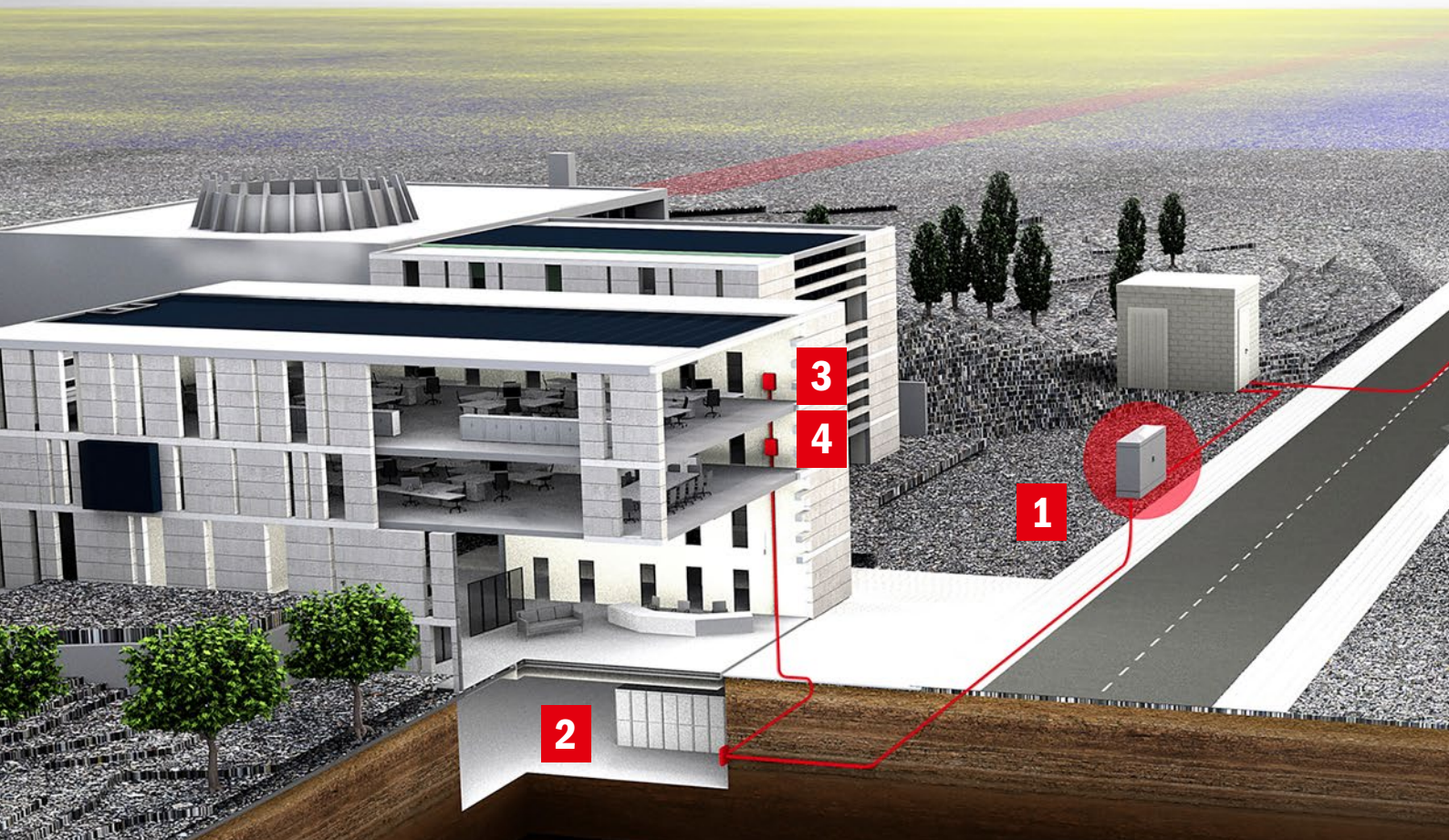
FttH The process-safe solution

CobiNet – Because simple is simply good

Simple solutions and competent advice from a technology leader

CobiNet provides first-class FttC solutions and expert advice to its customers for over 10 years - covering the entire process chain from the installer up to the large carrier. With our new products and services, we benefit from all those years of experience to offer you a process-safe FttH solution.
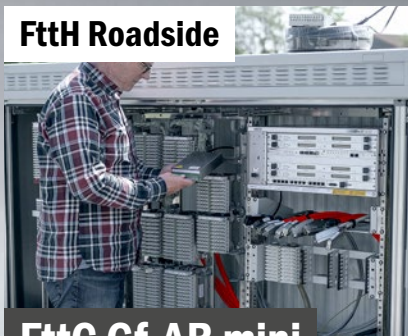
We ensure our high quality requirements from the very beginning through development and production in our own factory. We know what is important in a project and will support you with our experience and competence even during planning.

Your partner for FttH projects

- High quality standard through production in our own factories

- 100% quality assurance due to first-class in-house measurement technology

- Excellent price-performance ratio

- Development, manufacturing and consulting services, competence and expertise for every project size

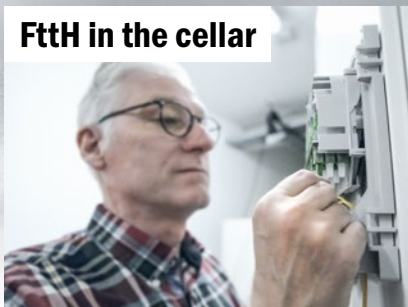- Resource-saving and recyclable packaging

FttH Roadside

1 FttC Gf-AB mini

Always fits! The Gf-AB mini is suitable for installation in any street cabinet. The cable can be burried directly in the ground.
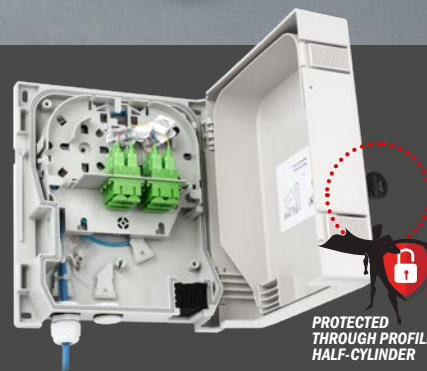
FttH in the cellar

2 Splice enclosure OD

The perfect solution for safe use in buildings. Simply insert the profile half cylinder to prevent unauthorised access.
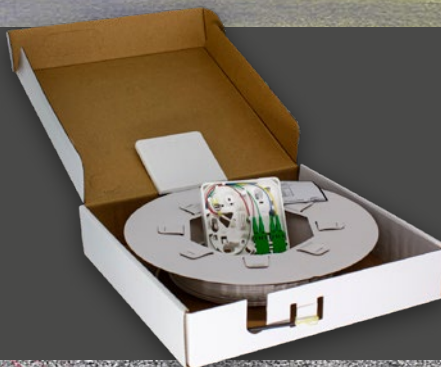
PROTECTED THROUGH PROFILE HALF-CYLINDER

FttH in the building

3 FttH Rollerbox WO19

The pre-assembled system including FttH outlet OTS for quick installation by one person. Comfortably unroll, insert, fix - ready.

FttH in the apartment

4 FttH walloutlet WO19

Maximum flexibility - the universal outlet for every application like wall, switch box and DIN rail.

ISO 9001:2015 ZERTIFIZIERT

ISO 14001

GHMT TYPE APPROVAL

Our quality processes go beyond the requirements of DIN ISO 9001 and are additionally ensured by special product certifications. An environmental management system according to DIN ISO 14001 at our production site underlines our responsibility and claim beyond the products.

The technology of the future. Today!

High standards, reasonably financed

The expansion of broadband means a high investment to carriers. Therefore, costs are a main decision criteria when choosing a solution.

The costs are significantly influenced by:

- Acquisition costs

- Installation costs

- Operating costs including the costs for troubleshooting

- Future migration costs

Due to pre-terminated products that have already been tested in the factory, installation time is reduced and the time-consuming troubleshooting on site is no longer necessary. In its range of products, CobiNet focuses on top-quality components that can be used for several migration stages without the need to update the infrastructure (cabling, connections and outlets) again.

In addition, CobiNet provides support right from the planning stage, ensuring not only that you select the best solution, but also that all project phases run smoothly.

Advantages

- **Pre-terminated products of the highest quality**

- **Decades of experience in FttC**

- **Fast reaction time in project phases**

- **Professional planning support**

When experts work with experts

Products from practical experience

Do you know this? You are under time pressure, want to start the installation and the products are either complicated to install or not available?

To avoid such scenarios, CobiNet solutions revolve around simple handling and short installation times as early as the development phase. Our pre-terminated products save complete work steps during installation, thus avoiding errors that can be caused by difficult environments and difficult installation. As we are developers and manufacturers, we know and understand these requirements. We produce and assemble our products in-house to ensure that every product sold meets the highest quality standards.

High-quality, easy-to-use products are not enough. Procurement needs to be uncomplicated and fast. That is why you can not only purchase our products directly from CobiNet, but also locally through our excellent network of distribution partners. You can expect a first-class price-performance ratio, as you have been used to for years. For CobiNet, this is just as essential as concrete support throughout all project phases, for example training and additional services.

Advantages

- Easy handling, fast installation

- High availability

- Product support directly from the manufacturer and developer

- Purchased directly or from distributors

EXPERIENCE THE COBINET FTTH SOLUTION IN VIDEO

Here you can see all components of our FttH solution for the perfect fibre optic connection

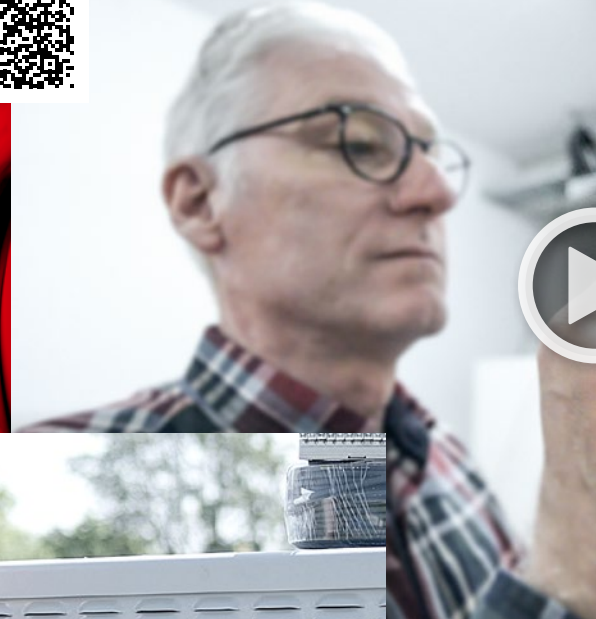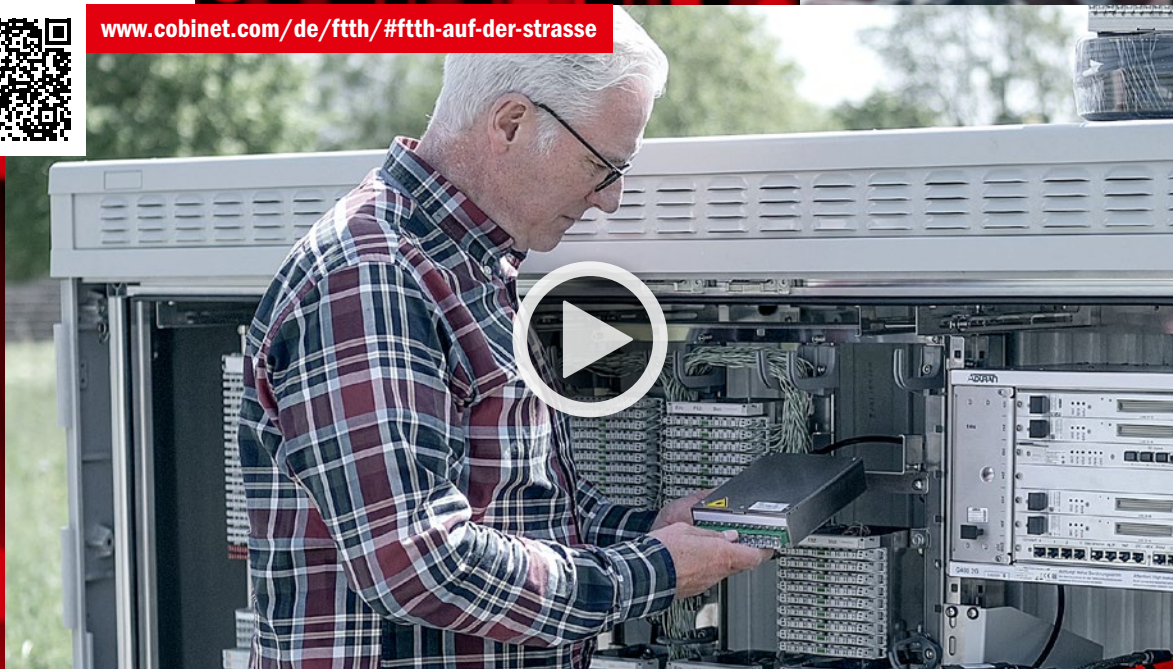**Splice enclosure OD**

FttH in the basement

www.cobinet.com/de/ftth/#ftth-im-keller

Gf-AB mini

FttH Roadside

www.cobinet.com/de/ftth/#ftth-auf-der-strasse

FttH walloutlet WO19   **FttH Rollerbox WO19**

FttH in the building / in the apartment

www.cobinet.com/de/ftth/#ftth-gebaeude-wohnung

**All components
of our FttH solution
in the video under
www.cobinet.com/ftth**

PRODUCT INFORMATION & QUESTIONS

Our products at a glance

Gf-AB mini

Always fits! The Gf-AB mini is suitable for installation in any street cabinet. The cable can be burried directly in the ground.

- Space-saving due to compact design
- Universal use in street cabinets due to various mounting kits
- Up to 24 fibres possible, due to compact pre-assembled construction
- Direct burial through halogen-free and jacket-optimised cable

ℹ️ **In different cable lenghts (see page 10)**

Splice enclosure
OD 06, OD 12/24

PROTECTED THROUGH PROFILE HALF-CYLINDER

The perfect solution for safe use in buildings. Simply insert the profile half cylinder to prevent unauthorised access.

- Easy handling due to removable lid
- Simple and protected cable connection through hinged cassette
- Lockable, high security through optional profile half cylinder
- The OD 06 splice enclosure can also be installed side-by-side.

ℹ️ **In different variations (see pages 12-17)**

FttH Rollerbox W019

GHMT TYPE APPROVAL

The pre-assambled system including FttH walloutlet W019 for quick installation by one person. Unroll comfortably, insert, fix, done.

- The first pre-assambled solution with tested and certified transmission performance by GHMT Type Approval
- One-man installation through pre-assembled junction box
- Efficient unwinding through integrated drum suspension
- Safe cable installation (in-wall/on-wall) due to robust cable construction
- Saves 50 % splicing effort due to pre-assembled system

ℹ️ **In different cable lenghts (see page 11)**

FttH walloutlet WO19

Maximum flexibility - the universal outlet for every application such as wall, switch box and DIN rail.

- Universal application by mounting on 60 mm switch box, directly on the wall or on DIN rail (DIN35)

- Safe fibre guidance due to bending radius-optimized design

ⓘ **In different variations (see page 11)**

What does „Rollerbox" actually mean?

The Rollerbox is a pre-assembled system, consisting of a walloutlet WO19 already pre-terminated on a coiled cable. Fast and clean installations by a single installer.

What quality standards does CobiNet adhere to?

We offer the highest precision and not only comply with specified standards, but have additionally strengthened the guidelines for us. In addition, we check all standard values directly at our production sites.

How does CobiNet guarantee delivery capability for large projects?

We have set up our own logistics centre that always keeps a close eye on availability. In addition, the products are also stocked by our trading partners. This means that sufficient quantities are available even for large projects.

Order now
www.cobinet.com/shop

FTTH SOLUTIONS BY COBINET
Top products at first-class conditions
ORDER NOW!

Gf-AB mini

Always fits! The Gf-AB mini is suitable for installation in any street cabinet.

The cable can be burried directly in the ground.

- Assembled with 12x SC/APC or E-2000® couplings and pigtails
- Pre-assembled with 25 or 50 m cable
- For installation in street cabinet in LSA bay or with adapter in 19" frame
- Replace LSA bay with 120 mm telecom bay

Product designation	Type of extension	Length	Item no.
Gf-AB mini CN 12 SC/APC 25 m	Broadband expansion Germany	25 m	On request
Gf-AB mini CN 12 SC/APC 50 m	Broadband expansion Germany	50 m	On request
Gf-AB mini CN 12 E-2000® APC 25 m	Broadband expansion Germany	25 m	On request
Gf-AB mini CN 12 E-2000® APC 50 m	Broadband expansion Germany	50 m	On request

Order Online

FttH Rollerbox WO19

The pre-assembled system including FttH walloutlet WO19 for quick installation by one person. Comfortably unroll, insert, fix - done.

Product designation	Adapter type	Number of adapters	Pigtail type	Number of pigtails	Length	Item no.
FttH Rollerbox WO19 (LC/APC) 30 m	LC/APC Duplex	1	LC/APC	2	30 m	7803 132.1
FttH Rollerbox WO19 (LC/APC) 50 m	LC/APC Duplex	1	LC/APC	2	50 m	7803 152.1
FttH Rollerbox WO19 (LC/APC) 70 m	LC/APC Duplex	1	LC/APC	2	70 m	7803 172.1
FttH Rollerbox WO19 (LC/APC) 30 m	LC/APC Duplex	2	LC/APC	4	30 m	7803 134.1
FttH Rollerbox WO19 (LC/APC) 50 m	LC/APC Duplex	2	LC/APC	4	50 m	7803 154.1
FttH Rollerbox WO19 (LC/APC) 70 m	LC/APC Duplex	2	LC/APC	4	70 m	7803 174.1
FttH Rollerbox WO19 (SC/APC) 30 m	SC/APC Simplex	1	SC/APC	1	30 m	7803 231.1
FttH Rollerbox WO19 (SC/APC) 50 m	SC/APC Simplex	1	SC/APC	1	50 m	7803 251.1
FttH Rollerbox WO19 (SC/APC) 70 m	SC/APC Simplex	1	SC/APC	1	70 m	7803 271.1
FttH Rollerbox WO19 (SC/APC) 30 m	SC/APC Simplex	2	SC/APC	2	30 m	7803 232.1
FttH Rollerbox WO19 (SC/APC) 50 m	SC/APC Simplex	2	SC/APC	2	50 m	7803 252.1
FttH Rollerbox WO19 (SC/APC) 70 m	SC/APC Simplex	2	SC/APC	2	70 m	7803 272.1

Order Online

FttH walloutlet WO19

Maximum flexibility - The universal outlet box for every application such as wall, switch box and DIN rail.

- To complete the fibre optic building cabling
- Capacity up to 4 adapters with SC Footprint
- Folding cable management for separate storage of pigtail and incoming cable

Product designation	Adapter type	Number of adapters	Pigtail type	Number of pigtails	Item no.
FttH walloutlet WO19 for heat shrink splices, unequipped	–	–	–	–	7808 001
FttH walloutlet WO19 for crimp splices, unequipped	–	–	–	–	7809 001
FttH walloutlet WO19 1 SC/APC	SC/APC Simplex	1	SC/APC Simplex	1	7809 201
FttH walloutlet WO19 2 SC/APC	SC/APC Simplex	2	SC/APC Simplex	2	7809 202
FttH walloutlet WO19 2 LC/APC	LC/APC Duplex	1	LC/APC Duplex	2	7809 102
FttH walloutlet WO19 4 LC/APC	LC/APC Duplex	2	LC/APC Duplex	4	7809 104

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SPLICE ENCLOSURE

Splice enclosure OD 06

The perfect solution for safe use in buildings. Simply insert the profile half cylinder to prevent unauthorised access. The OD 06 splice enclosure can also be stacked.
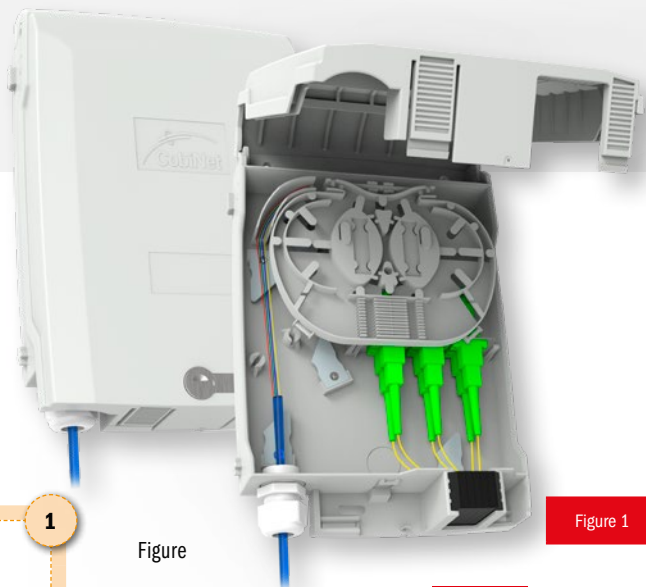

Figure 1

Order Online

Enclosure type

Type	Max. Number of Adapters ③ ▼	Grey ① ▼	Figure
Splice enclosure OD 06	6x SC-SX, E-2000®-SX 6x LC-DX	A06 01	1

Fibre quality	Grinding	Adapter color	Sleeve
OS2	APC 8°	green	Ceramic
	PC	blue	Ceramic
OM2	PC	beige	Ceramic
OM3	PC	aqua	Ceramic
OM4	PC	erika violet	Ceramic

Figure 2

Profile half cylinder with round cylinder

- Length: 40 mm
- Also for installation in swivelling lever handles
- Own lock upon request

Article	Item no.	Figure
Locking: EK 333 with 2 keys	3060 121	2

Example: Structure item no.:

57	Enclosure type ①	Fibre/Adapter ②	/	Number of Adapters ③

Example:

57A06 0112629/6 = Splice enclosure OD 06 6x LCDX APC8°
57A06 0112629/6/P = Splice enclosure OD 06 6x LCDX APC8° incl. profile half cylinder

ⓘ /P with installed profile half cylinder

Adapter type/fibre

Type	Adapter-material	Grinding	Insertion Loss (IL) typ.*	Return Loss (RL) typ.*	Fibre quality ▼ OS2 E9/125
LC-DX	Plastics	APC 8°	0,06/-	65/-	12629
		APC 8°	0,20/-	65/-	12129
		PC	0,20/0,20	50 /40	12229
SC-SX	Plastics	APC 8°	0,06/-	65/-	12612
		APC 8°	0,20/-	65/-	12112
		PC	0,20/0,20	50 /40	12212
	Metal	APC 8°	0,06/-	65/-	12632
		APC 8°	0,20/-	65/-	12132
		PC	0,20/0,20	50 /40	12232
E-2000®-SX	Plastics	APC 8°	0,06/-	65/-	12615
		APC 8°	0,20/-	65/-	12115
		PC	0,20/0,20	50 /40	12215

2

OD 06 empty enclosure

- Incl. splice cassette for storage of fibre cable
- Incl. adapter holder, M20 cable gland, fixing material for handling of incoming and outgoing cables, material for baying

Article	Item no.	Figure
OD 06 empty enclosure	57A06 0100000	1

*   Singlemode/Multimode
**   Standard configurations

ⓘ 0.06 dB insertion loss for particularly high demands; standard: 0.20 dB

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SPLICE ENCLOSURE

Splice enclosure OD 12

The perfect solution for safe use in buildings. Simply insert the profile half cylinder to prevent unauthorised access.

Figure 1

Enclosure type

Type	Max. number of Adapters ▼ ③	Grey ▼ ①	Figure
Splice enclosure OD 12	12x ST, FC, DIN (LSA)	B0 01	1
	6x SC-DX, E-2000®-DX		
	6x LC-DX		
	3x LC-QD		

Order Online

Fibre quality	Grinding	Adapter color	Sleeve
OS2	APC 8°	green	Ceramic
	PC	blue	Ceramic
OM2	PC	beige	Ceramic
OM3	PC	aqua	Ceramic
OM4	PC	erika violet	Ceramic

ℹ Sleeve material and adapter colour can be varied on request. For example aqua adapters for OM3 and purple adapters for OM4 installations.

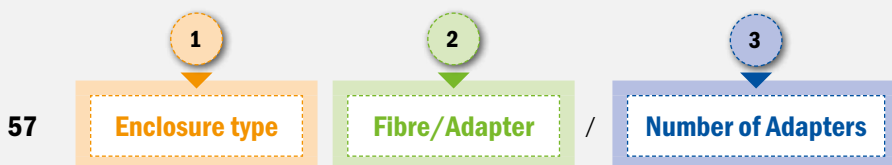### Profile half cylinder with round cylinder type of extension

- Lenght: 40 mm
- For installation in swivelling lever handles
- Own lock on request

Figure 2

Article	Item no.	Figure
Locking: EK 333 with 2 keys	3060 121	2

Example: Structure item no.:

①	②		③
Enclosure type	**Fibre/Adapter**	/	**Number of Adapters**

57

Example:

57 B0 0122331 / 12 = Splice enclosure OD 12 12x ST/PC, OS2

57 B0 0122331 / 12 /P = Splice enclosure OD 12 12x ST/PC, OS2 incl. profile half cylinder

ℹ /P with installed profile half cylinder

Adapter type/fibre

Fibre quality

▼

Type	Adapter material	Grinding	Insertion Loss (IL) typ.*	Return Loss (RL) typ.*	OS2 E9/125
LC-DX	Plastics	APC 8°	0,06/-	65/-	**12629**
		APC 8°	0,20/-	65/-	**12129**
		PC	0,20/0,20	50 /40	**12229**
LC-QD	Plastics	APC 8°	0,06/-	65/-	**12649**
		APC 8°	0,20/-	65/-	**12139**
		PC	0,20/0,20	50 /40	**12239**
SC-SX	Plastics	APC 8°	0,06/-	65/-	**12612**
		APC 8°	0,20/-	65/-	**12112**
		PC	0,20/0,20	50 /40	**12212**
	Metal	APC 8°	0,06/-	65/-	**12632**
		APC 8°	0,20/-	65/-	**12132**
		PC	0,20/0,20	50 /40	**12232**
SC-DX	Plastics	APC 8°	0,06/-	65/-	**12622**
		APC 8°	0,20/-	65/-	**12122**
		PC	0,20/0,20	50 /40	**12222**
	Metal	APC 8°	0,06/-	65/-	**12652**
		APC 8°	0,20/-	65/-	**12152**
		PC	0,20/0,20	50 /40	**12252**
E-2000®-SX	Plastics	APC 8°	0,06/-	65/-	**12615**
		APC 8°	0,20/-	65/-	**12115**
		PC	0,20/0,20	50 /40	**12215**
E-2000®-DX	Plastics	APC 8°	0,06/-	65/-	**12625**
		APC 8°	0,20/-	65/-	**12125**
		PC	0,20/0,20	50 /40	**12225**
ST	Metal	PC	0,20/0,20	50/35	**12231**
FC	Metal	APC 8°	0,06/-	65/-	**12633**
		APC 8°	0,20/-	65/-	**12133**
		PC	0,20/0,20	50 /40	**12233**

* Singlemode/Multimode
** Standard configurations

ⓘ 0.06 dB insertion loss for particularly high demands; standard: 0.20 dB

OD 12 Empty enclosure

- Incl. splice cassette for storage of fibre cable
- Incl. adapter holder, M20 cable gland, fixing material for handling of incoming and outgoing cables

Article	Item no.	Figure
OD 12 Empty enclosure	57B0 0100000	1

* Singlemode/Multimode
** Standard configurations

ⓘ 0.06 dB insertion loss for particularly high demands; standard: 0.20 dB

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SPLICE ENCLOSURE

Splice enclosure OD 24

The perfect solution for safe use in buildings. Simply insert the profile half cylinder to prevent unauthorised access.
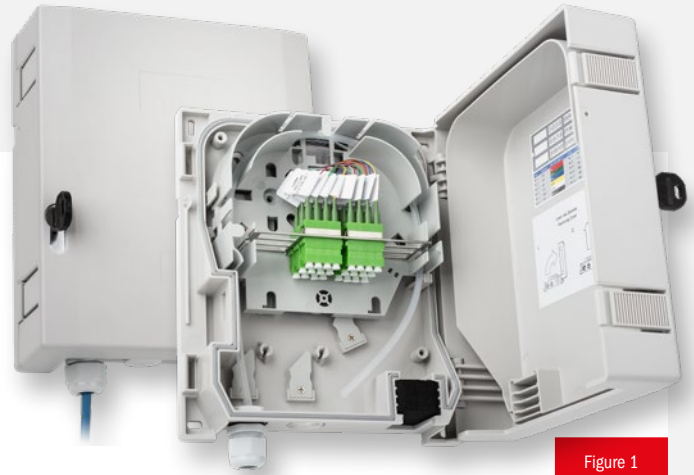
Figure 1

Enclosure type

Type	Max. Number of Adapters ③	Grey ①	Figure
Splice enclosure OD 24	**12x ST, FC, DIN (LSA)**	**C0 01**	**1**
	12x SC-SX, E-2000®-SX		
	12x SC-DX, E-2000®-DX		
	12x LC-DX		
	6x LC-QD		

Order Online

Fibre quality	Grinding	Adapter color	Sleeve
OS2	APC 8°	green	Ceramic
	PC	blue	Ceramic
OM2	PC	beige	Ceramic
OM3	PC	aqua	Ceramic
OM4	PC	erika violet	Ceramic

ℹ️ Sleeve material and adapter colour can be varied on request. For example aqua adapters for OM3 and purple adapters for OM4 installations

Profile half cylinder with round cylinder type of extension

- Lenght: 40 mm
- For installation in swivelling lever handles
- Own lock on request

Figure 2

Article	Item no.	Figure
Locking: EK 333 with 2 keys	3060 121	2

Example: Structure item no.:

	①	②		③
57	**Enclosure type**	**Fibre/Adapter**	/	**Number of Adapters**

Example:

57C0 0122331/24 = Splice enclosure OD 24 24x ST/PC, OS2
57C0 0122331/24/P = Splice enclosure OD 24 24x ST/PC, OS2 incl. profile half cylinder

ℹ️ /P with installed profile half cylinder

Adapter type/fibre

Fibre quality ▼ (2)

Type	Adapter material	Grinding	Insertion Loss (IL) typ.*	Return Loss (RL) typ.*	OS2 E9/125
LC-DX	Plastics	APC 8°	0,06/-	65/-	**12629**
		APC 8°	0,20/-	65/-	**12129**
		PC	0,20/0,20	50 /40	**12229**
LC-QD	Plastics	APC 8°	0,06/-	65/-	**12649**
		APC 8°	0,20/-	65/-	**12139**
		PC	0,20/0,20	50 /40	**12239**
SC-SX	Plastics	APC 8°	0,06/-	65/-	**12612**
		APC 8°	0,20/-	65/-	**12112**
		PC	0,20/0,20	50 /40	**12212**
	Metal	APC 8°	0,06/-	65/-	**12632**
		APC 8°	0,20/-	65/-	**12132**
		PC	0,20/0,20	50 /40	**12232**
SC-DX	Plastics	APC 8°	0,06/-	65/-	**12622**
		APC 8°	0,20/-	65/-	**12122**
		PC	0,20/0,20	50 /40	**12222**
	Metal	APC 8°	0,06/-	65/-	**12652**
		APC 8°	0,20/-	65/-	**12152**
		PC	0,20/0,20	50 /40	**12252**
E-2000®-SX	Plastics	APC 8°	0,06/-	65/-	**12615**
		APC 8°	0,20/-	65/-	**12115**
		PC	0,20/0,20	50 /40	**12215**
E-2000®-DX	Plastics	APC 8°	0,06/-	65/-	**12625**
		APC 8°	0,20/-	65/-	**12125**
		PC	0,20/0,20	50 /40	**12225**
ST	Metal	PC	0,20/0,20	50/35	**12231**
FC	Metal	APC 8°	0,06/-	65/-	**12633**
		APC 8°	0,20/-	65/-	**12133**
		PC	0,20/0,20	50 /40	**12233**

*   Singlemode/Multimode
**   Standard configurations

ⓘ 0.06 dB insertion loss for particularly high demands; standard: 0.20 dB
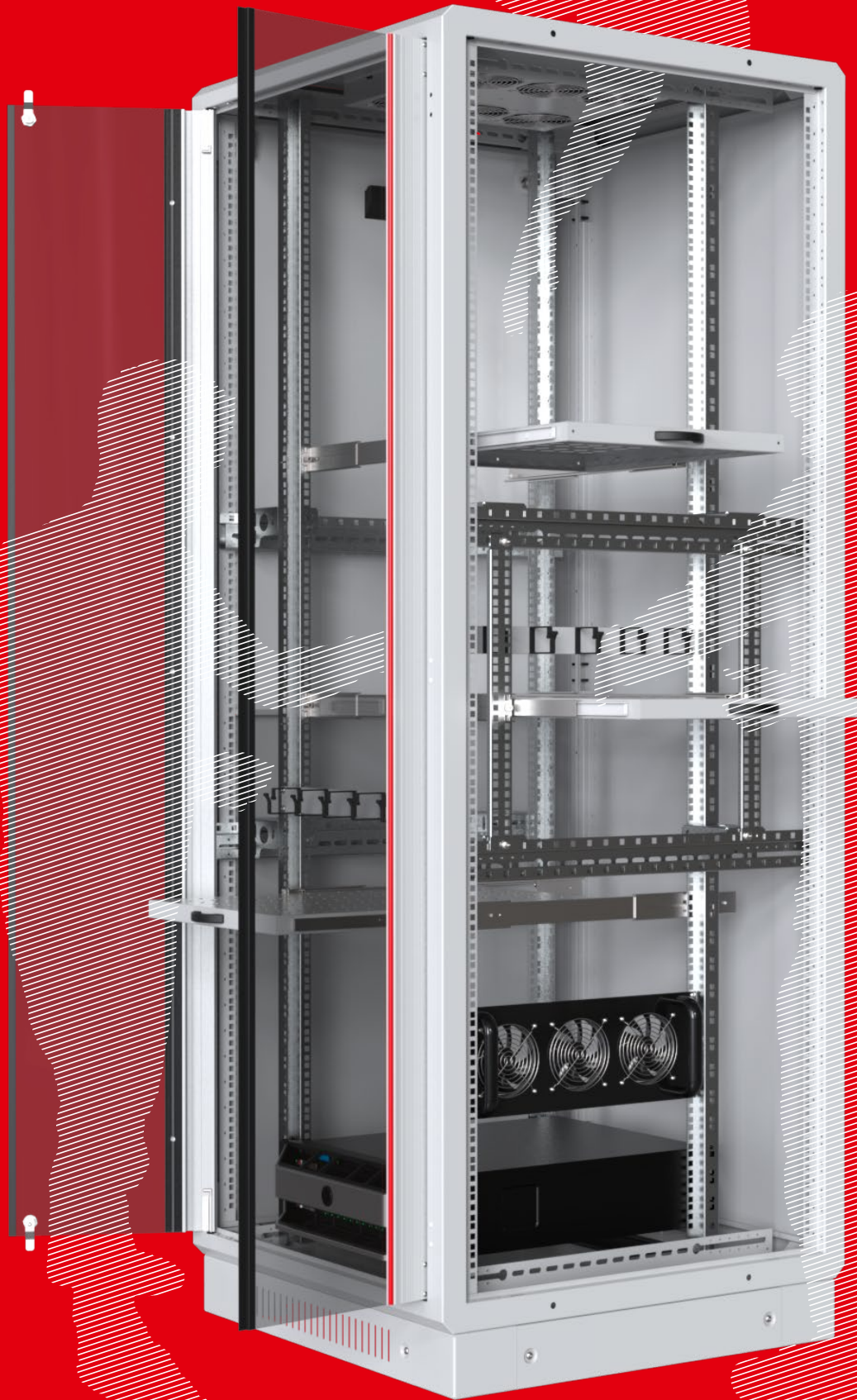
OD 24 Empty enclosure

- Incl. splice cassette for storage of fibre cable
- Incl. adapter holder, M20 cable gland, fixing material for handling of incoming and outgoing cables

Article	Item no.	Figure
OD 24 Empty enclosure	57C0 0100000.1	1

*   Singlemode/Multimode
**   Standard configurations

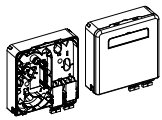ⓘ 0.06 dB insertion loss for particularly high demands; standard: 0.20 dB
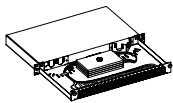
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RS18 - THE COBINET RACK SYSTEM WITH THE THIRD 19" DIMENSION

- Installation of the components from the front, from the back, from the sides and **additionally** from above and below

- **Up to 28 height units more 19" space** thanks to the third rack dimension

- 100 % calculation certainty:
  6 door variants, one price

- **Quickly assembled** due to handy two-part side panels and rack doors

- **Easy rack alignment** by one person thanks to feet adjustable from the **inside**

- **High load capacity** of 1500 kg, so that as much as possible fits in

- **Saving time, resources and costs** on the construction site by **pre-terminated** delivery

- **Fits almost everywhere** due to high variety of variants: heights from 22 to 52 HU, depths from 800 to 1200 mm, widths from 600 to 800 mm, stackable
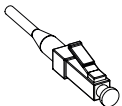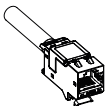
www.cobinet.com/shop
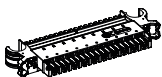
FTTH

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NETWORK CABINETS

TELECOMMUNICATION

CobiNet

CobiNet Fernmelde- und Datennetzkomponenten GmbH

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