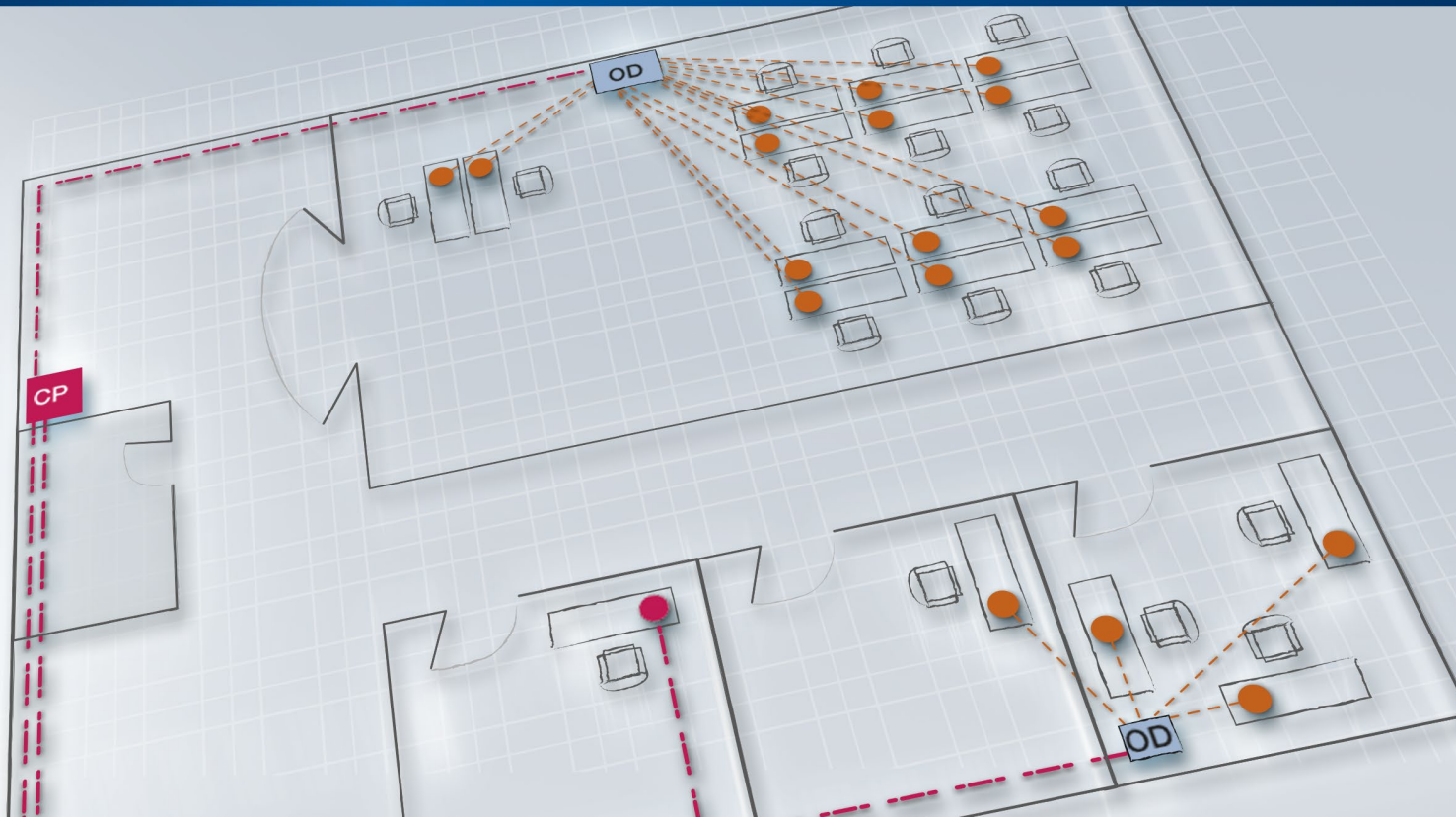


## PreCONNECT® smartNET

### PRODUCT INFORMATION



## Applications:

PreCONNECT® smartNET is the name given to a modern cabling system for the LAN infrastructure of buildings and office environments that meets the growing demand for flexibility and bandwidth in workplace design and brings fast fiber optic tertiary-sector cabling as close as possible to the end user.

## System consisting of:

- Range of planning and installation services
- State-of-the-art distribution components
- Fiber optic cables pre-assembled on one or two sides with up to 48 fibers
- Various 19" panel systems for splice or patch applications
- 19" distributors for customer- and application-oriented active components as office distributors
- Connecting sockets and patchcords
- Useful accessories

## Characteristics:

End-to-end, fully harmonized and outstandingly flexibly cabling system for cabling buildings and offices

- Forward-looking fiber optic technology, including at the level of space requirements
- Reduced-length copper links for connection of clients
- Time- and cost-efficient LAN cabling thanks to the use of cables pre-assembled on one or two sides depending on local requirements to offer up to 50% time saving at the installation site.
- Standards-compliant planning and implementation
- Thanks to the gel-free cables, it is not necessary to clean the fibers when splicing on-site and work is therefore more efficient
- The cables are available in various fire classes (CPR)
- Indoor cables for permanent installation are available ex stock in the highest available fire protection class (B2)

## The benefits at a glance:

- Optimized flexibility in the spatial layout of workplaces
- Disruption-free extension and restructuring during ongoing business operation thanks to the use of office distributors
- A secure investment as the components can be moved to a new site and reused in the event of a relocation
- Time-saving, cost-effective LAN cabling with single and double-sided pre-assembly and cabling design created by experts
- Turnkey solution, planning, installation and documentation from a single source
- Improved performance budget and energy savings in Power-over-Ethernet applications

**PreCONNECT® building cabling system**

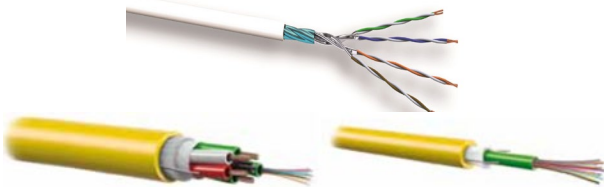
The PreCONNECT® isoNET, PreCONNECT® flexNET, PreCONNECT® smartNET systems are modern, standards-compliant, extendable cabling systems designed to provide a robust, high-performance infrastructure with various levels of flexibility to respond to the challenges brought by the frequent changes that characterize the modern working world.

- In this context, PreCONNECT® isoNET is a conventional cabling solution with state-of-the-art distribution components and, in some cases, pre-assembled fiber optic and copper cabling.
- PreCONNECT® flexNET brings passive distributors (passive copper consolidation points) very close to the endpoints in order to be able to respond optimally to any local redesign in the enterprise's operating processes.
- PreCONNECT® smartNET is an intelligent structured cabling concept that seeks to optimize the advantages of the well-known Ethernet topologies. The result is a cost-optimized data network that permits future adaptations. The aim is to reduce the tertiary copper cabling to a minimum and bring fiber optic technology as close as possible to the end device. The conventional floor distributors become office distributors which are flexibly connected in a star configuration via a passive fiber optic consolidation point from the building distributor. The connection to the fiber optic consolidation point depends on the specific requirements concerning bandwidth and network structure. The configuration of the office distributors depends on the IT and process structure. At the same time, the characteristics of the building are also taken into account. The office distributors can be located wherever they interfere the least with overall business activities. As far as possible, pre-assembled fiber optic and copper cables are used because these permits faster installation on site and also provide greater protection for investments.

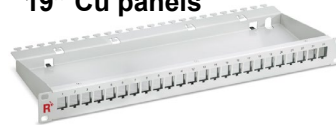
<b>Contents</b>	<b>Page</b>
Fiber optic consolidation point	<b>4 – 5</b>
Fiber optic cables	<b>6 – 9</b>
Copper cables	<b>10 – 12</b>
Copper end connection components	<b>13 – 14</b>
Office distributors and other distributors	<b>15 – 22</b>
Active network components	<b>23</b>

## PreCONNECT® smartNET cabling system

**Bulk cabling, fiber  
optic and copper**



**19" Cu panels**



**RJ45 sockets**



**19" 1HU splice and distribution panel  
Fixed installation**



**PreCONNECT® smartNET half-trunk  
- trunk cables**



**Office Distributor**



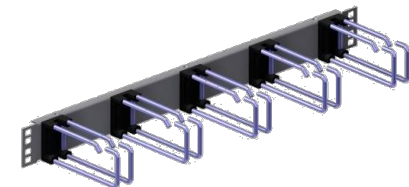
**Accessories**



**Patchcords  
Fiber optic and copper**



**Highly modular SMAP-G2 19"  
distribution panel  
with MTP®/MPO modules**



## PreCONNECT® smartNET cabling system

### Fiber optic consolidation point

#### Fiber optic wall distribution panel for up to 48 fibers

- Connector system: LCD
- Material and colour: Steel, RAL 7035 light grey
- Dimensions: 300 x 300 x 85 mm

12 fibers OS2  
24 fibers OS2  
48 fibers OS2  
12 fibers OM3  
24 fibers OM3  
48 fibers OM3  
12 fibers OM4  
24 fibers OM4  
48 fibers OM4

116L2143  
116L2145  
116L2147  
116L2153OM3  
116L2155OM3  
116L2157OM3  
116L2153OM4  
116L2155OM4  
116L2157OM4



#### Fiber optic universal panel

360 x 254 x 111 mm

#### distribution panel, patchfield inside

- Connector system: LCD/LCD
- Plastic, colour: RAL 7035 light grey

24 fibers OS2  
48 fibers OS2  
24 fibers OM3  
48 fibers OM3  
24 fibers OM4  
48 fibers OM4

118L4002  
118L4003  
118L4006OM3  
118L4007OM3  
118L4006OM4  
118L4007OM4



#### Fiber optic mini-universal box distribution panel

- Plastic, RAL 7035 light grey
- Connector system: LC duplex

12 fibers OS2  
12 fibers OM3  
12 fibers OM4

114L0481  
114L0582OM3  
114L0582OM4



## PreCONNECT® smartNET cabling system

### Fiber optic wall splice panel for up to 48 fibers

Connector system: LCD

Material and colour: Steel, RAL 7035

Dimensions: 300 x 300 x 85 mm

incl. mounting plates for cable glands (PG 13.5/16) incl. splice cassette

12 fibers OS2

**116L3153**

24 fibers OS2

**116L3155**

48 fibers OS2

**116L3158**

12 fibers OM3

**116L3163OM3**

24 fibers OM3

**116L3165OM3**

48 fibers OM3

**116L3168OM3**

12 fibers OM4

**116L3163OM4**

24 fibers OM4

**116L3165OM4**

48 fibers OM4

**116L3168OM4**



### Fiber optic universal panel 360 x 254 x111 mm

Splice panel, patchfield inside

Connector system: LCD/LCD

Plastic, colour: RAL 7035 light grey

24 fibers OS2

**118L4302**

48 fibers OS2

**118L4303**

24 fibers OM3

**118L4304OM3**

48 fibers OM3

**118L4305OM3**

24 fibers OM4

**118L4304OM4**

48 fibers OM4

**118L4305OM4**



### Fiber optic mini-universal box splice panel

Connector system: LC duplex

incl. splice cassette and set of pigtails without splice holders and protectors

Plastic, RAL 7035 light grey

12 fibers OS2

**114L0681**

12 fibers OM3

**114L0782OM3**

12 fibers OM4

**114L0782OM4**





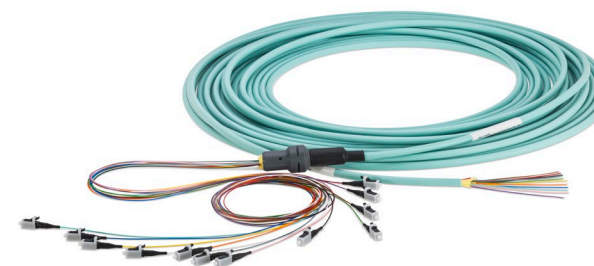
## PreCONNECT® smartNET cabling system

### Fiber optic cables

#### Pre-assembled fiber optic half-trunk cables with LC connector

PreCONNECT® smartNET LC half-trunk/trunk cables mini-breakout with square interface

<b>Type:</b>	Half-trunk	8 fibers OS2 110A1113G657A1
<b>Cable:</b>	I-V(ZN)H nx0.9	12 fibers OS2 032L0904HalbtrunkG657A1
<b>Connectors:</b>	LC/PC	24 fibers OS2 032L0905HalbtrunkG657A1
		8 fibers OM3 110A1113OM3
		12 fibers OM3 032L0904HalbtrunkOM3
		24 fibers OM3 032L0905HalbtrunkOM3
		8 fibers OM4 110A1113OM4
		12 fibers OM4 032L0904HalbtrunkOM4
		24 fibers OM4 032L0905HalbtrunkOM4



#### Pre-assembled fiber optic trunk cables with LC connector

<b>Type:</b>	Trunk	8 fibers OS2 110A1213G657A1
<b>Cable:</b>	I-V(ZN)H nx0.9	12 fibers OS2 110A1215G657A1
<b>Connector 1:</b>	LC/PC	24 fibers OS2 110A1217G657A1
<b>Connector 2:</b>	LC/PC	8 fibers OM3 110A1213OM3
		12 fibers OM3 110A1215OM3
		24 fibers OM3 110A1217OM3
		8 fibers OM4 110A1213OM4
		12 fibers OM4 110A1215OM4
		24 fibers OM4 110A1217OM4



#### Pre-assembled fiber optic half-trunk and fiber optic trunk cables with MTP®/MPO connector

PreCONNECT® smartNET MTP® half-trunk/trunk cables, breakout with square interface

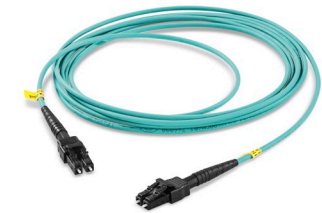
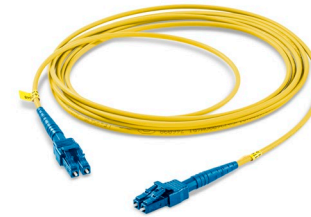
<b>Type:</b>	Half-trunk	12 fibers OS2	037A2086HALBTRUNKG657A1
<b>Cable:</b>	I-F(ZN)HH nx12	12 fibers OM3	037A2086HALBTRUNKOM3
<b>Connectors:</b>	MTP®/PC-m(MM)/APC-m(SM)	12 fibers OM4	037A2086HALBTRUNKOM4
<b>Type:</b>	Trunk type B	12 fibers OS2	037A2086G657A1
<b>Cable:</b>	I-F(ZN)HH nx12	12 fibers OM3	037A2080OM3
<b>Connector 1:</b>	MTP®/PC-m(MM)/APC-m(SM)	12 fibers OM4	037A2080OM4
<b>Connector 2:</b>	MTP®/PC-m(MM)/APC-m(SM)		



## PreCONNECT® smartNET cabling system

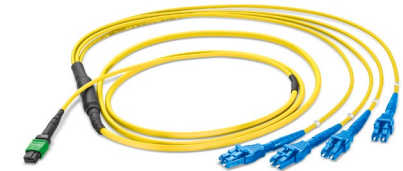
### PreCONNECT® smartNET LC patchcords

<b>Cable:</b>	I-V(ZN)H2 round cable 2.8	2 fibers OS2 087A6600G657A1
<b>Connectors:</b>	LC-Compact/PC	2 fibers OM3 087A6601OM3
		2 fibers OM4 087A6601OM4



### PreCONNECT® smartNET MTP® harness cable with double-jacket

<b>Cable:</b>	I-F(ZN)HH 1x12	12 fibers OS2 076A0162G657A1
<b>Connector 1:</b>	12x LC/PC	12 fibers OM3 076A0162OM3
<b>Connector 2:</b>	MTP®/PC-f(MM)/APC-f(SM)	12 fibers OM4 076A0162OM4





**PreCONNECT® smartNET cabling system****Fiber optic indoor cables, bulk goods**

Type: I-B(ZN)BH XXXX/125µm JF (JF = Gel-free)	12 fibers OS2	<b>024A0014G657A1</b>
Jacket: FRNC-LSZH non-metallic	24 fibers OS2	<b>024A0012G657A1</b>
Rodent protection CPR B2ca	12 fibers OM3	<b>024A0015OM3BI</b>
	24 fibers OM3	<b>024A0013OM3BI</b>
	12 fibers OM4	<b>024A0015OM4BI</b>
	24 fibers OM4	<b>024A0013OM4BI</b>

**Fiber optic indoor cables, bulk goods**

Type: I-F(ZN)H XXXX/125µm	12 fibers OS2	<b>037A0004G657A1</b>
Jacket: FRNC-LSZH 3 mm	24 fibers OS2	<b>037A0016G657A1</b>
	12 fibers OM3	<b>037A0001OM3BI</b>
	24 fibers OM3	<b>037A0004OM3BI</b>
	12 fibers OM4	<b>037A0001OM4BI</b>
	24 fibers OM4	<b>037A0004OM4BI</b>

**Fiber optic indoor cables, bulk goods**

Type: I-F(ZN)H(ZN)H XXXX/125µm	12 fibers OS2	<b>037A0005G657A1</b>
Jacket: FRNC-LSZH	12 fibers OM3	<b>037A0002OM3BI</b>
3/4.5 m	12 fibers OM4	<b>037A0002OM4BI</b>
CPR Dca		

**PreCONNECT® smartNET cabling system****Fiber optic installation cables,  
universal cables**

Type: U-DQ(ZN)BH XX XX/125µm	12 fibers OS2	<b>030A0010G657A1</b>
Jacket: FRNC-LSZH with rodent protection	24 fibers OS2	<b>030A0016G657A1</b>
	48 fibers OS2	<b>030A0025G657A1</b>
	12 fibers OM3	<b>030A0110OM3BI</b>
	24 fibers OM3	<b>030A0116OM3BI</b>
	48 fibers OM3	<b>030A0125OM3BI</b>
	12 fibers OM4	<b>030A0110OM4BI</b>
	24 fibers OM4	<b>030A0116OM4BI</b>
	48 fibers OM4	<b>030A0125OM4BI</b>

**Fiber optic installation cables,  
outdoor cables**

Type: A-DQ(ZN)B2Y XX XX/125µm	12 fibers OS2	<b>010A0010</b>
Jacket: PE with rodent protection	24 fibers OS2	<b>010A0016</b>
	48 fibers OS2	<b>010A0025</b>
	12 fibers OM3	<b>010A0110OM3BI</b>
	24 fibers OM3	<b>010A0116OM3BI</b>
	12 fibers OM4	<b>010A0110OM4BI</b>
	24 fibers OM4	<b>010A0116OM4BI</b>

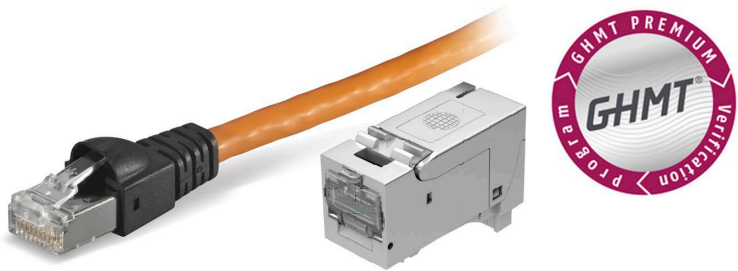


PreCONNECT® smartNET cabling system

Copper cables

PreCONNECT® smartNET RJ45 copper jumper, pre-assembled, class EA screened

Cable:	S/FTP cat.7, AWG26 Flex	1 channel	110A3111
Office distributor side:	RJ45 connector	2 channels	110A3112
TO side:	RJ45 Keystone jack module	6 channels	047A0131
Cable:	S/FTP cat.7, AWG26 Flex	1 channel	110A3121
Office distributor side:	RJ45 connector	2 channels	110A3122
TO side:	RJ45 connector	6 channels	110A3126
Cable:	S/FTP cat.7, AWG26 Flex	1 channel	110A3131
Office distributor side:	RJ45 Keystone jack module	2 channels	110A3132
TO side:	RJ45 Keystone jack module	6 channels	110A3136

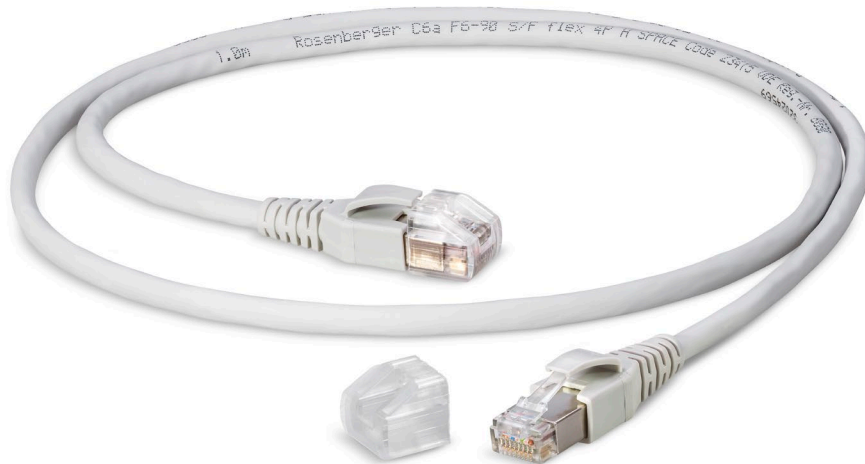


## PreCONNECT® smartNET cabling system

### Copper patchcords

PreCONNECT® smartNET RJ45 patchcord cat. 6A screened

**Cable:** S/FTP cat.7, AWG27/7      1:1 allocation      820A1019M  
**Connectors:** RJ45 connector, screened



## PreCONNECT® smartNET cabling system

### Screened copper cables as bulk goods

#### Rosenberger OSI cable S/FTP cat.7

4 x 2 x AWG 23/1

1000MHz

FRNC-LSZH

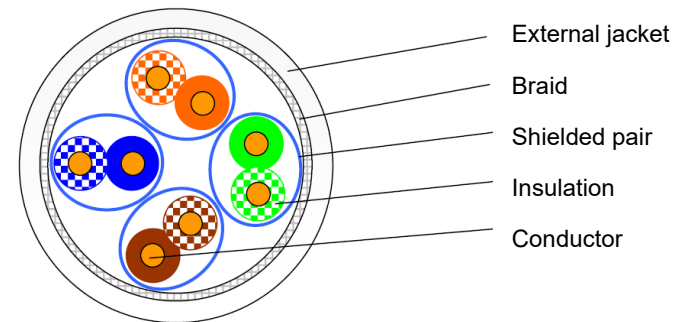
Colour: white

CPR: Dca

Maximum supplied length per VPE: 1000 m

Order numbers:

- 1000 m disposable drum: 047A0019-1000
- 500 m disposable drum: 047A0019-500
- 305 m REELEX Box 20-inch 047A0019-300



#### Rosenberger OSI cable F/FTP cat.6A

4 x 2 x AWG 23/1

500MHz

FRNC-LSZH

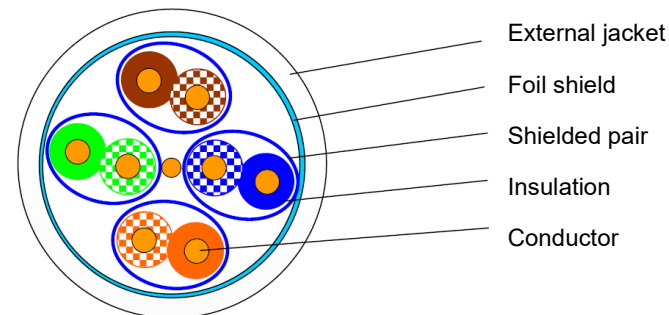
Colour: White

CPR: Dca

Maximum supplied length per VPE: 1000 m

Order numbers:

- 1000 m disposable drum: 047A0022-1000
- 500 m disposable drum: 047A0022-500
- 305 m REELEX Box 20-inch 047A0022-300



## PreCONNECT® smartNET cabling system

### Copper end connection components

PreCONNECT® smartNET Keystone connecting socket

<b>Dimensions:</b>	45 x 45 mm	1 port	114L1001
<b>Design:</b>	Inclined downwards 30° pure white	2 ports	114L1002
<b>Dimensions:</b>	80 x 80 mm	1 port	114L1011
<b>Design:</b>	straight outlet	2 ports	114L1012





**PreCONNECT® smartNET cabling system**

PreCONNECT® smartNET Keystone connecting socket

**RJ45 Keystone module, cat. 6A screened:**

- For AWG24-22 solid wires
- ISO/IEC 11801 and DIN EN 50173-1
- PoE+ DIN IEC 60512-99-011:2013 and DIN IEC 60512-9-3:2010
- Zinc die-casting, silver
- With dust protection flap
- GHMT PVP certificate no.: z4686a-xx-D

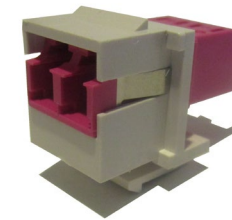
**Order number: 800A0002**

**LC-duplex adapters in Keystone adapter frame:**

**Order numbers:**

**OM4 violet: 120A0361OM4**

**SM blue: 120A0360**



## PreCONNECT® smartNET cabling system

### Office distributors

Accordingly, freely mountable active components or floor, ceiling and wall-mounted enclosures are suitable for setting up the office distributors:

#### PreCONNECT® smartNET 19 "CompactCabinet

**The 19" CompactCabinet is a modular, universal wall, ceiling or underfloor enclosure.**

1.5U (incl. 19" bracket) 110A0115  
2U (incl. 19" bracket) 110A0116

- Sturdy aluminum housing for wall, ceiling or underfloor mounting.
- Internal 19" plane at front and rear for active or passive network equipment (up to 60W power consumption)
- Adaptation option for front or internal patch front panels from the PreCONNECT® SMAP series
- Possibility of adapting various cable entries on the rear side
- Optimum accessibility and quick access due to removable panelling parts
- Dimensions
  - W x D x H: 572 x 750 mm x 80mm (1.5U)
  - W x D x H: 572 x 750 mm x 104mm (2 U)
- 28 predefined internal mounting positions for various mounting brackets and accessories
- Lockable and completely removable lid with half-open holding position for easy assembly

#### Further technical information:

- Material: aluminum, powder-coated

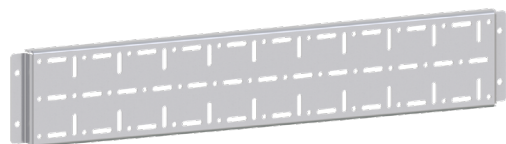
#### Delivery form:

- pre-assembled



## Accessories:

19" compact Cabinet, mounting plate 110A0120

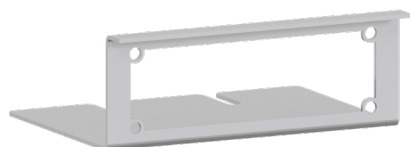


19" compact cabinet, angle set 10", 1,5HE	110A0121
19" compact cabinet, angle set 10", 2U	110A0122
19" compact Cabinet, Angle Set 19", 1,5HE	110A0126
19" compact Cabinet, Angle set 19", 2U	110A0127

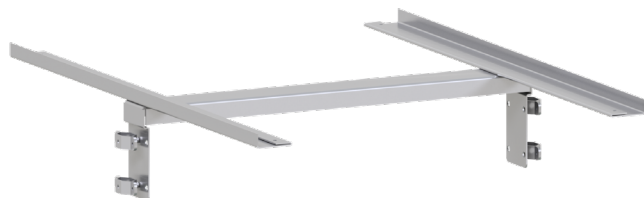
19" compact Cabinet, safety bracket, 1U incl. fastening 110A0124  
Retaining bracket for additional protection of 19" technology against falling down during ceiling mounting (1,5U or 2U on request)



19" compact Cabinet, internal mounting for splice or other SMAP modules 110A0123



19" compact Cabinet, raised floor mounting incl. fastening 110A0125



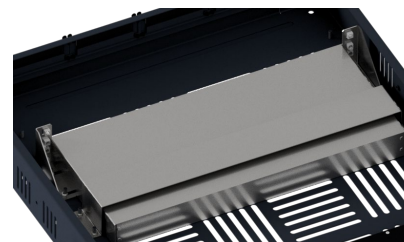
*Application example*



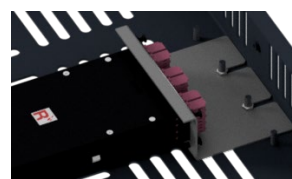
*Application example (19", 2U, right position)*



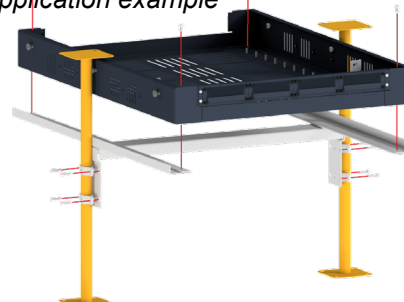
*Application example*



*Application example*



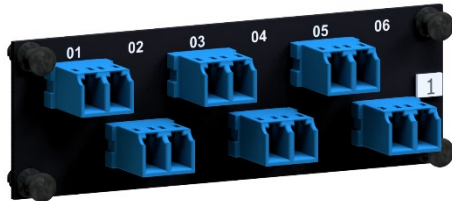
*Application example*



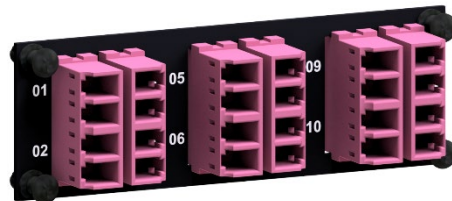
## Matching accessories from the SMAP product line:

### - Partial front panels:

1 HE 1/4 TFP 6 LC duplex



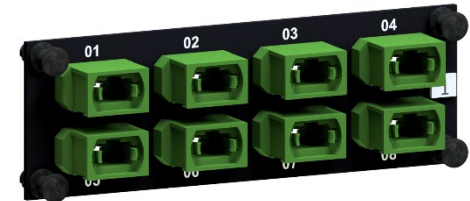
1 U 1/4 TFP 12 LC duplex (6 LCQ)



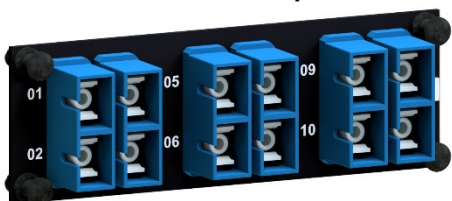
1 HE 1/4 TFP 6 MTP®



1 HE 1/4 TFP 8 MTP®



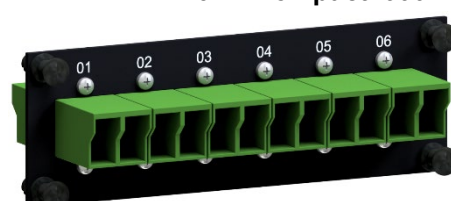
1 HE 1/4 TFP 6 SC-Duplex



1 HE 1/4 TFP 12 MU duplex



1 HE 1/4 TFP 6 E--Compact2000®



1 HE 1/4 TFP 12 MTP®



### Order numbers RAL9005 black

Front panel type				
Blind TFP	170A0001			
6x RJ45 Keystone	170A4010			
Number Coupling type/fibres	For fibre type			
	SM PC 0° blue	SM APC 8° green	OM4 violet	MM grey
6 LC duplex / 12F	170A0110	170A0120	170A0130OM4	---
12 LC duplex (6 LCQ) / 24F	170A0210	170A0220	170A0230OM4	---
6 MTP®	---	Type A "opposed key 170A0620	Type A "opposed key 170A0630OM4	Type B "aligned key 170A0630TB
8 MTP®	---	Type A "opposed key 170A0140	---	Type B "aligned key 170A0141TB
12 MTP®	---	Type A "opposed key 170A0623	---	Type B "aligned key 170A0636TB
12 MU-Duplex-H / 24F	170A0310	170A0320	170A0330OM4	---
6 SC Duplex / 12F	170A0410	170A0420	170A0430OM4	---
6 E-2000-Compact® / 12F	170A0510	170A0520	---	---
Also available with other coupling types on request.				

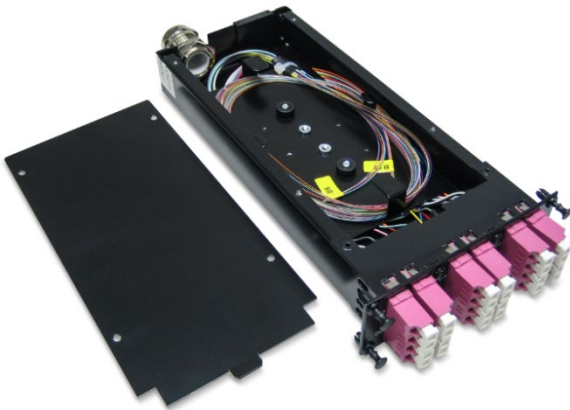
1HE 1/4 TFP 6 RJ45



Application example (LCC)

Suitable SMAP modules

Splice module:



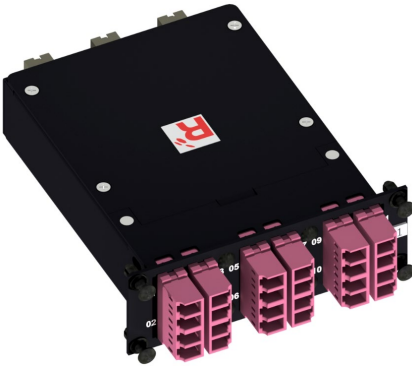
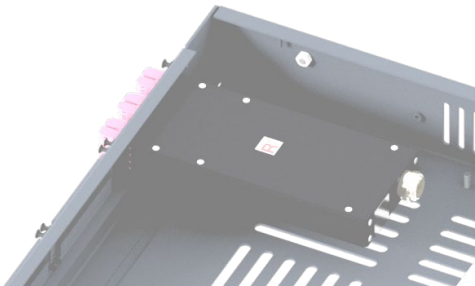
Order numbers RAL9005 black			
Number LC duplex ports on front	OM4	SM LC-PC 0°	SM LC-APC 8°
12	170A20OM440	170A2041	170A2042

PreCONNECT OCTO Module

Order numbers RAL9005 black				
Number 4+4F OCTO MTP® female ports on back	Number LC duplex ports on front	OM4	SM LC-PC 0°	SM LC-APC 8°
3	3 OCTO groups á 4 = 12	170AOM42026	170A2027	on request

*DUODECIM, and SEDECIM, as well as matching back panels see product info SMAP G2 SD*

Application Example (Splice Module)



## Other distributors

PreCONNECT® smartNET 19" free-standing distributor RAL 7035

**9 HU RAL 7035 light grey 142A5011**

**15 HU RAL 7035 light grey 142A5012**

**19 HU RAL 7035 light grey 142A5013**

### Scope of delivery:

- Stable, welded frame construction
- 19" level front and back, 19 HU
- Optimum, rapid access thanks to the removable cladding parts
- Dimensions (W x D): 600 x 700 mm
- Pre-perforated areas for the insertion of cables in the top and base sections
- Possibility of housing a fan module in the top and base sections
- Two-way door hinges
- Doors with swivel handle, possibility of incorporating DIN profile half cylinder locks
- Cover and side panels with turnbuckle-type fast-locking mechanisms

### Further technical information:

- Material: Sheet steel, Aluminium cover
- Surface: Powder-coated, RAL 7035 light grey
- Side panels in RAL 7037 dust-grey

### Type of delivery:

- Fully assembled





## PreCONNECT® smartNET cabling system

PreCONNECT® smartNET 19" wall distributor RAL 7035

### Wall distribution cabinet, 4 HU

Dimensions: H=230 mm, W=506 mm, D=536 mm

With 19" level, 4 HU, aligned vertically with the supporting wall.

**4 HU RAL 7035 light grey 142A5021**

### Wall distribution cabinet, 6 HU

Dimensions: H=360 mm, W=557 mm, D=636 mm

With 19" level, 6 HU, aligned vertically with the supporting wall.

**6 HU RAL 7035 light grey 142A5022**

#### Scope of delivery:

- Protection type IP 54
- Stable basic construction
- 2 doors with swivel handle lock and three-point locking
- Integrated viewing window on one side
- Removable front cover
- Doors with 180°-hinges for optimum accessibility
- Profile half cylinder lock: Two-way key bit 5 mm
- Integrated cable flange plates
- Installation dimensions as per IEC 60297-3-100
- Integrated outlet filter (IP 54) for fan installation



## PreCONNECT® smartNET cabling system

### Building distributor

PreCONNECT® smartNET 19" free-standing distributor for side-by-side installation, RAL 7035

Item no.: 110A0311

- Disassemblable steel section rack frame
- Two lateral door inserts with locking mechanism
- Front and back perforated sheet door with three-point locking (free perforated sheet cross-section 80%)
- Possibility of installing a profile half cylinder lock
- 19" level 42 HU, front and back
- Top with cable passage capability and/or installation of fan module
- Base plinth provided separately
- Cover plates in floor area, removable for cable insertion
- For W=800 mm: Metal cable clips 66 mm x 125 mm at front 19" level (set=10 items)
- Earthing set (mounted)
- Set of M5 screws (50 items)

#### Surface:

Cladding parts/plinth: painted RAL 7035 light grey,

Design sections: painted RAL 3002 crimson red, other colours on request

#### Type of delivery:

Fully assembled, plinth provided separately

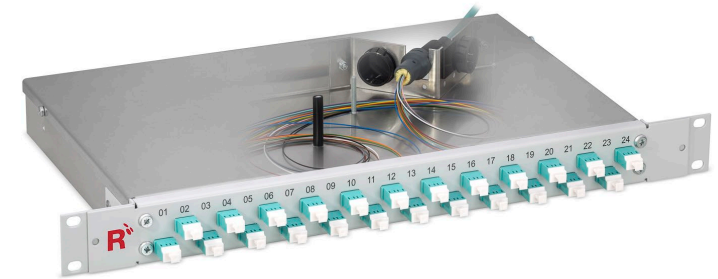


## PreCONNECT® smartNET cabling system

### 19" fiber optic distribution panels

#### PreCONNECT® smartNET 19" distribution panel LC

<b>Scope of delivery:</b>	12 fibers SM/PC	231L0173
1x 1 HU 19" aluminium panel	24 fibers SM/PC	231L0175
1x removable cover	48 fibers SM/PC	231L0177
- Adapter: LC	12 fibers OM3 231L1293OM3	
	24 fibers OM3 231L1295OM3	
	48 fibers OM3 110A4113OM3	
	12 fibers OM4 231L1293OM4	
	24 fibers OM4 231L1295OM4	
	48 fibers OM4 110A4113OM4	



#### PreCONNECT® smartNET 19 distribution panel MTP®

<b>Scope of delivery:</b>	72 fibers SM/APC	110A4191G657A1
1x 1 HU 19" aluminium panel	96 fibers SM/APC	110A4192G657A1
1x removable cover	144 fibers SM/APC	110A4193G657A1
- Adapter: MTP®	72 fibers OM3 110A4191OM3	
	96 fibers OM3 110A4192OM3	
	144 fibers OM3 110A4193OM3	
	72 fibers OM4 230A1900OM4	
	96 fibers OM4 230A1901OM4	
	144 fibers OM4 230A1902OM4	

## PreCONNECT® smartNET cabling system

### 19" fiber optic splice panels

PreCONNECT® smartNET 19 splice panel LC

**Scope of delivery:**

1x 1 HU 19" aluminium panel

1x removable cover

- Adapter: LC duplex

- ready for splicing with factory-assembled splice cassettes and pigtails in bundle cable

12 fibers SM/PC 231L0353

24 fibers SM/PC 231L0355

48 fibers SM/PC 231L0358

12 fibers OM3 231L1323OM3

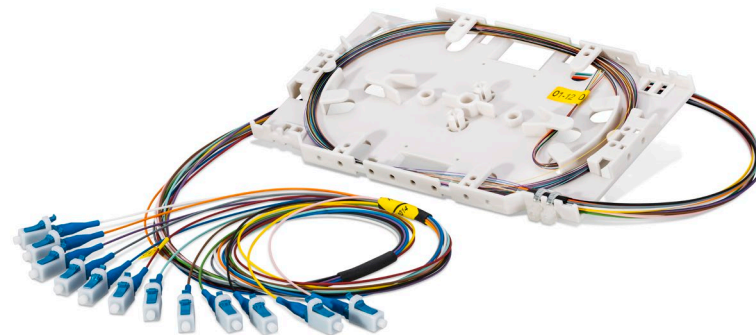
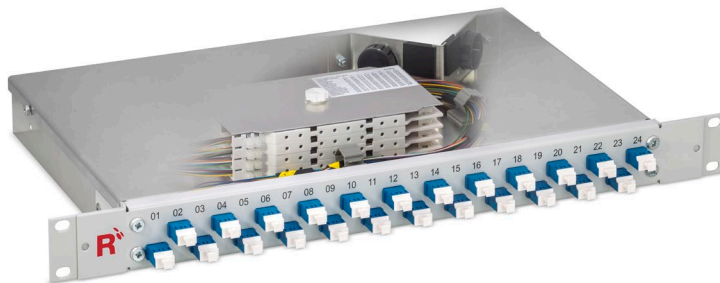
24 fibers OM3 231L1325OM3

48 fibers OM3 110A4613OM3

12 fibers OM4 231L1323OM4

24 fibers OM4 231L1325OM4

48 fibers OM4 110A4613OM4



## PreCONNECT® smartNET cabling system

### 19" copper panel to accommodate 24 Keystone modules 0.5 HU:

Material: Stainless steel  
Depth: 100 mm

Order number: 800A0220



### 19" copper panel to accommodate 24 Keystone modules 1 HU:

Material: Powder-coated sheet steel  
Depth: 150 mm

Order numbers:

RAL 7035 light grey: 800A0213

RAL 9005 black: 800A0214



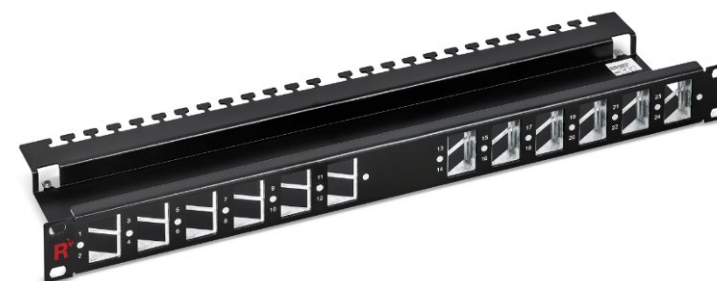
### 19" copper panel to accommodate 24 Keystone modules, 30° external cable routing, 1 HU:

Material: Powder-coated sheet steel  
Depth: 120 mm

Order numbers:

RAL 7035 light grey: 800A0219

RAL 9005 black: 800A0218



### 19" accessories

PreCONNECT® 19" patchcord guide

Scope of delivery:

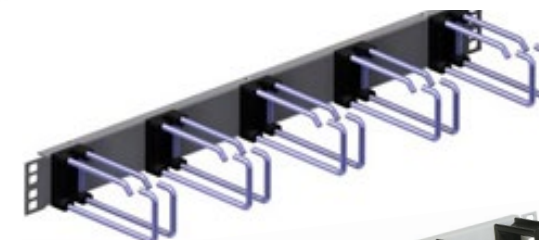
1x 1 HU 19" steel sheet patchcord guide

metal clip 110 mm

111A0469

Clip PA 56 mm

111A0450



## PreCONNECT® smartNET cabling system

### Other accessories

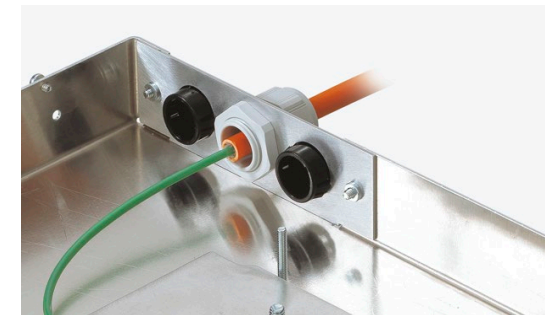
PreCONNECT® square interface

Cable support through tool-free 6 mm to 18 mm 111L0650 assembly by means of simple insertion



PreCONNECT® cable support for modular assembly

Cable support for PG cable gland up to 6x PG 16 111L0417



Cable support, square interface for max. 6 straight for max. 4 oblique 111L0425 111L0416





## **PreCONNECT® smartNET cabling system**

### **Active network components**

We would be delighted to advise you in your choice and can perform the installation and cabling of your active network components. If required, we can also procure these for you in the light of your needs.

## About Rosenberger OSI

Ever since 1991, Rosenberger Optical Solutions & Infrastructure (Rosenberger OSI) has been an acknowledged expert in the field of optical fiber-based connection technology, cabling solutions and infrastructure services for datacenters, LANs, wireless networks and industrial applications.

As an integrated solution provider, we have considerable development expertise and excel in the operational production of system solutions for communications networks. Our comprehensive services permit the secure, efficient operation of digital infrastructures. This combination combined with our commitment to our customers makes us unique and a strong partner in the global market.

Since 1998, Rosenberger OSI has been part of the globally active Rosenberger Group, one of the world's leading suppliers of high-frequency, high-voltage and fiber-optic connection solutions which has its head office in Germany.

You can find further information at [www.rosenberger.com/osi](http://www.rosenberger.com/osi)

# Rosenberger

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