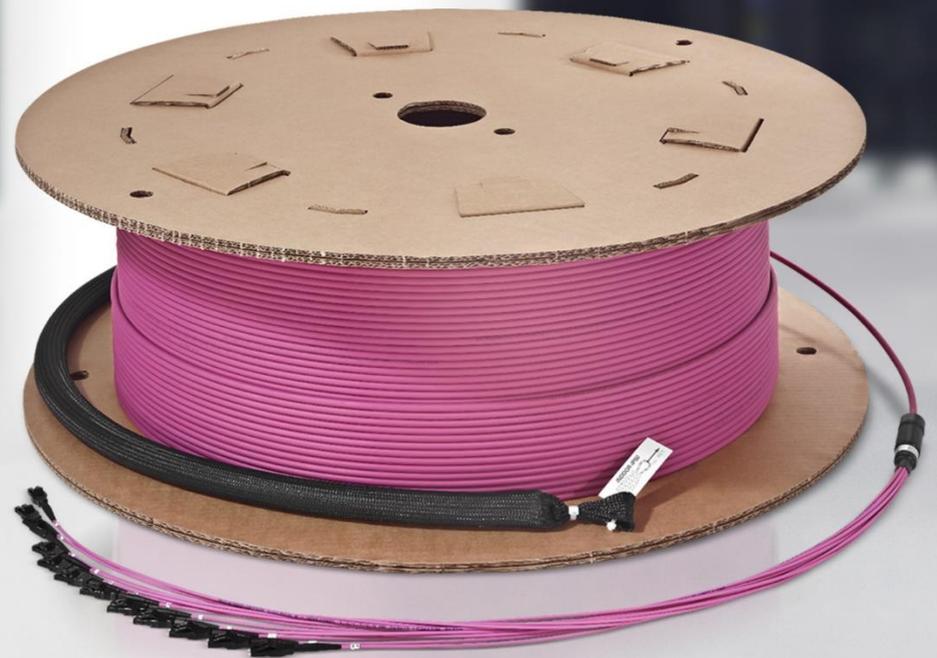


PreCONNECT® STANDARD

PRODUCT INFORMATION



Rosenberger PreCONNECT® (XXXX) solutions are available in three end face quality levels: BASIC, PURE, and LOTUS

- Define the end-face quality according to your application requirements



PreCONNECT® BASIC is our well-proven, high-grade, standards compliant, product in terms of end-face geometry, defect, and cleanliness, providing excellent IL and RL performance:

- The PreCONNECT® factory-assembled plug & play system enables quick and reliable, cost efficient, installation and performance
- Harmonized modular components of the PreCONNECT® BASIC solution ensure end to end performance of the entire channel



PreCONNECT® PURE is our enhanced version of PreCONNECT® BASIC, but with more stringent defect and cleanliness screening and factory sealed, tamper evident adapter-interfaces.

- Guaranteed protection of the polished connector surfaces against contamination and damage through sealed adapter-interfaces, enabling time savings during initial installation and commissioning due to the elimination of the need for cleaning and testing*/**.
- PreCONNECT® PURE provides an industry leading low random mate insertion and return loss (mean) which enables up to six (6) mated pairs in a 10G/OM4 application up to 300m.



PreCONNECT® LOTUS builds upon the PreCONNECT® BASIC and PreCONNECT® PURE performance by introducing our unique LOTUS end-face coating technology that provides dirt, moisture, and grease repellence to maintain cleanliness in initial and subsequent matings.

- Potential long-term time savings by reducing or eliminating the need for cleaning during initial installation and subsequent MACs
- Increased reliability and availability throughout various environmental and contaminate environments

Part numbers:

PreCONNECT® BASIC: The part numbers XXXAXXXX listed in this document are valid for the BASIC quality level.

PreCONNECT® PURE: Add a “**P**” to the end of the PreCONNECT® BASIC part number (*Example: XXXAXXXX**P***)

PreCONNECT® LOTUS: Add an “**L**” to the end of the PreCONNECT® BASIC part number (*Example: XXXAXXXX**L***)

(Note: PreCONNECT® PURE trunk cables have factory attached sealed coupling adapters incorporated and thus utilize empty patch panels and enclosures)

**** While Rosenberger does not require permanent link or channel testing for warranty registration of PreCONNECT® PURE installations due to guaranteed performance, certain customers will require testing documentation for their records.***

***** Only applicable when all components are PreCONNECT® PURE and installed by trained PreCONNECT® PURE installers.***

Applications

Infrastructure cabling within data centers, office buildings and campus

System consists of:

- Factory assembled OFNR Riser, OFNP Plenum, and outdoor rated loose tube cables, n x 12 fiber, up to 144 fibers
- With connector systems LC and SC
- Suitable Patchcords
- Useful accessories
- Patch Location Rack

Features

- For larger numbers of fibers and longer lengths:
 - Trunks up to 144 fibers
 - Up to 24 fibers practical lengths: Cost comparison by break-even calculation versus PreCONNECT® BREAKOUT
- Migration to MPO based parallel optics applications possible by using Migration-Harnesses
- 19" Panel systems in three different types, modular SMAP-G2 and SMAP-G2 HIGH DENSITY and basic distribution panels selectable

Your benefits at a glance:

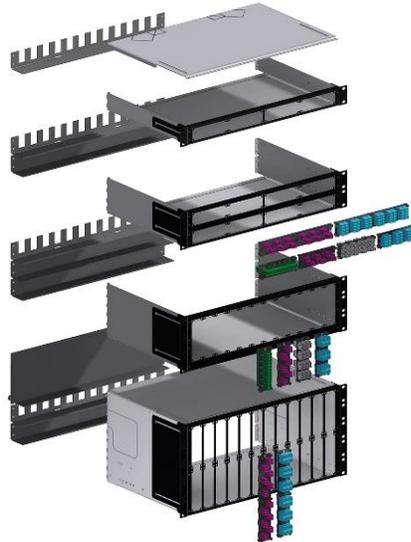
- Most cost-effective solution for Trunks larger than 24 fibers and long lengths
- Fast and safe installation through factory assembled Plug & Play system
- Highest quality and cost-efficiency through factory assembling
- PreCONNECT® cabling systems consists of perfectly harmonized modular single components



**PreCONNECT®
STANDARD Trunk**



**PreCONNECT®
SMAP-G2 and
SMAP-G2 HIGH-DENSITY
19" Panel Systems**



**SMAP-G2 HIGH-DENSITY
19" Panel Systems**



**19" 1 and 2 HU
Distribution Panels
fixed installation and telescopic
complete pullout**



Patch Location Rack



Patchcords



Accessories



Applications:

Infrastructure cabling of data centers, office buildings and campus.

- **Universal FO cabling system up to 144 fibers per Trunk**
- **Cost and attenuation optimized**
- **Focused on a practical and necessary approach**

Properties:

Both cable ends of the PreCONNECT® STANDARD Trunks are molded within the cable dividers and assembled with “standard stepped” connector legs. The “standard stepped” connector legs fit all PreCONNECT® Panel systems. Available High Density Breakout legs to fit SMAP-G2 High Density Panels.

The PreCONNECT® cable divider is a splice-less furcation to separate the fibers of loose tube cables. Mechanically and thermally it is one of the most robust cable dividers for loose tube cables at smallest diameter. With its integrated PreCONNECT® square interface, the cable divider can be tool-less connected into PreCONNECT® Panels for excellent strain relief of the Trunks.

Installation protection: The connector legs and cable dividers are equipped with 600 N tensile strength, crush resistant, kink and torsion resistant, installation tubes. Indoor IP50 dust-proof or Outdoor IP67 water-proof versions are available.

Polarity: The standard polarity is TIA 568.3-D(A to B pairing) for full-duplex transmission system –A1 to B1, A2 to B2, etc.

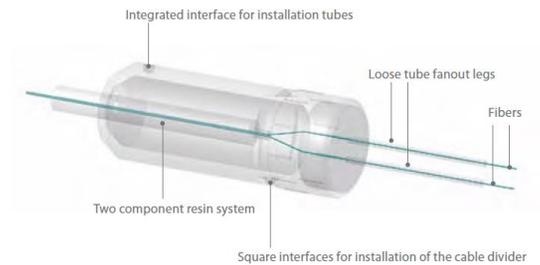
Length definition: Order-length = length between the connectors of the longest legs at both sides, not between the PreCONNECT® cable dividers.

Delivery form: Dependent on the length as cable ring or on cardboard or wooden drum. 100% IL factory measured with measurement protocol, installation manual, and product label with serial number on both sides.

System description:

Our PreCONNECT® STANDARD cabling system consists of:

- Factory assembled FO loose tube cables Trunks, up to 144 fibers, with “standard stepped” connector legs
 - Explicitly developed for 19” Panel systems
 - Large variety of Patchcords and accessories
 - Patch Location Rack
- In 1991 Rosenberger began delivering high fiber count factory assembled FO Trunk cables to the market. PreCONNECT® STANDARD was the first European developed and manufactured high fiber count modular “plug-and-play” FO cabling system.



Properties:

Trunk cable types:

PreCONNECT® STANDARD Trunks are constructed of loose tube cables up to 144 fibers, with the following flammability options:

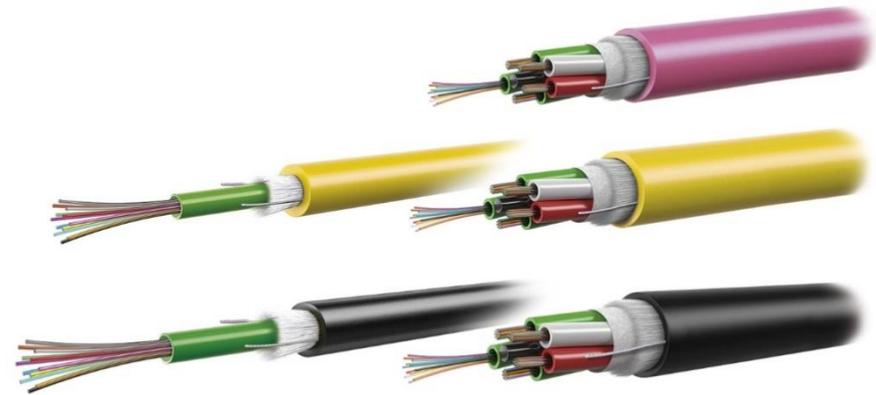
- OFNR Riser rated
- OFNP Plenum rated
- Outdoor

Cable data, see separate cable data sheets.

Fiber types:

All common fiber types available. Bend-insensitive fibers standard.

Fiber data, see separate fiber data sheets.

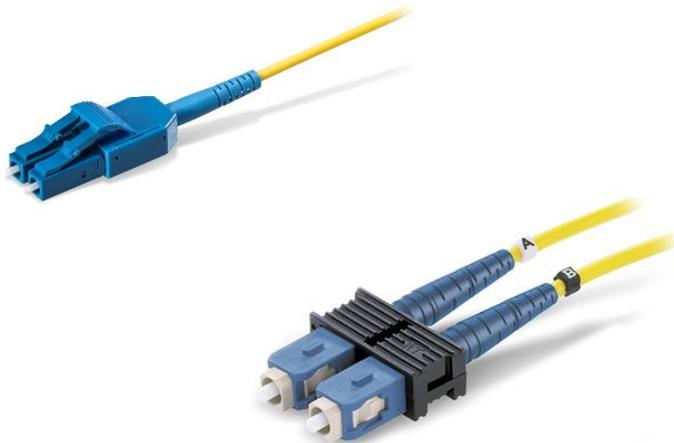


Connector types:

All connector types available. Most common are:

- LC-Uniboot
- SC-Duplex

Connector data, see separate connector data sheets.



- MTP® - see Product Information Documents for PreCONNECT® OCTO and DUODECIM



**PreCONNECT® STANDARD Trunks
with OFNR Riser rated cables:**



Part numbers

Number of channels/fibers	Connectors on both sides	Compatible with SMAP-G2 panels and distribution panels		Compatible with SMAP-G2 HIGH DENSITY panels	
		SM	OM4	SM	OM4
12/24	LC-Uniboot PC 0°	019A0175G657A1	019A0127OM4	019H0175G657A1	019H0127OM4
	LC- Uniboot APC 8°	019A0144G657A1	---	019H0144G657A1	---
	SC-Duplex PC 0°	019A0179G657A1	019A0178OM4	019H0179G657A1	019H0178OM4
24/48	LC-Uniboot PC 0°	019A0102G657A1	019A0103OM4	019H0102G657A1	019H0103OM4
	LC-Uniboot APC 8°	019A0126G657A1	---	019H0126G657A1	---
	SC-Duplex PC 0°	019A0147G657A1	019A0169OM4	019H0147G657A1	019H0169OM4
48/96	LC-Uniboot PC 0°	019A0106G657A1	019A0107OM4	019H0106G657A1	019H0107OM4
	LC-Uniboot APC 8°	019A0128G657A1	---	019H0128G657A1	---
	SC-Duplex PC 0°	On Request	On Request	On Request	On Request
72/144	LC-Uniboot PC 0°	019A0108G657A1	019A0109OM4	019H0108G657A1	019H0109OM4
	LC-Uniboot APC 8°	019A0129G657A1	---	019H0129G657A1	---
	SC-Duplex PC 0°	On Request	On Request	On Request	On Request

Technical data, see Product profile or separate data sheets Trunk, cable, fibers, connectors. With other fiber types, connectors and number of fibers on request.

**PreCONNECT® STANDARD Trunks
with OFNP Plenum rated cables:**



Part numbers

Number of channels/fibers	Connectors on both sides	Compatible with SMAP-G2 panels and distribution panels		Compatible with SMAP-G2 HIGH DENSITY panels	
		SM	OM4	SM	OM4
6/12	LC-Uniboot PC 0°	020A1800G657A1	020A1810OM4	020H1800G657A1	020H1810OM4
	LC-Uniboot APC 8°	020A1831G657A1	---	020H1831G657A1	---
	SC-Duplex PC 0°	020A1504G657A1	020A1604OM4	020H1504G657A1	020H1604OM4
12/24	LC-Uniboot PC 0°	020A1801G657A1	020A1811OM4	020H1801G657A1	020H1811OM4
	LC-Uniboot APC 8°	020A1808G657A1	---	020H1808G657A1	---
	SC-Duplex PC 0°	020A1506G657A1	020A1606OM4	020H1506G657A1	020H1606OM4
24/48	LC-Uniboot PC 0°	020A1803G657A1	020A1813OM4	020H1803G657A1	020H1813OM4
	LC-Uniboot APC 8°	020A1807G657A1	---	020H1807G657A1	---
	SC-Duplex PC 0°	020A1508G657A1	020A1608OM4	020H1508G657A1	020H1608OM4
48/96	LC-Uniboot PC 0°	020A1805G657A1	020A1815OM4	020H1805G657A1	020H1815OM4
	LC-Uniboot APC 8°	On Request	---	On Request	---
	SC-Duplex PC 0°	020A1511G657A1	020A1611OM4	020H1511G657A1	020H1611OM4
72/144	LC-Uniboot PC 0°	020A1806G657A1	020A1816OM4	020H1806G657A1	020H1816OM4
	LC-Uniboot APC 8°	On Request	---	On Request	---
	SC-Duplex PC 0°	020A1510G657A1	020A1610OM4	020H1510G657A1	020H1610OM4

Technical data, see Product profile or separate data sheets Trunk, cable, fibers, connectors. With other fiber types, connectors and number of fibers on request.

PreCONNECT® STANDARD Trunks
with outdoor rated cables:



Part numbers

Number of channels/fibers	Connectors on both sides	Compatible with SMAP-G2 panels and distribution panels		Compatible with SMAP-G2 HIGH DENSITY panels	
		SM	OM4	SM	OM4
6/12	LC-Uniboot PC 0°	010A2079G657A1	010A2080OM4	010H2079G657A1	010H2080OM4
	LC-Uniboot APC 8°	On Request	---	On Request	---
	SC-Duplex PC 0°	010A1504G657A1	010A1604OM4	010H1504G657A1	010H1604OM4
12/24	LC-Uniboot PC 0°	010A2077G657A1	010A2078OM4	010H2077G657A1	010H2078OM4
	LC-Uniboot APC 8°	On Request	---	On Request	---
	SC-Duplex PC 0°	010A1506G657A1	010A1606OM4	010H1506G657A1	010H1606OM4
24/48	LC-Uniboot PC 0°	010A1801G657A1	010A1813OM4	010H1801G657A1	010H1813OM4
	LC-Uniboot APC 8°	On Request	---	On Request	---
	SC-Duplex PC 0°	010A1508G657A1	010A1608OM4	010H1508G657A1	010H1608OM4
48/96	LC-Uniboot PC 0°	010A2075G657A1	010A2076OM4	010H2075G657A1	010H2076OM4
	LC-Uniboot APC 8°	On Request	---	On Request	---
	SC-Duplex PC 0°	010A1511G657A1		010H1511G657A1	
72/144	LC-Uniboot PC 0°	010A1806G657A1	010A1816OM4	010H1806G657A1	010H1816OM4
	LC-Uniboot APC 8°	On Request	---	On Request	---
	SC-Duplex PC 0°	010A1510G657A1		010H1510G657A1	

Technical data see Product profile or separate data sheets Trunk, cable, fibers, connectors. Other fiber types, connectors and number of fibers on request.

19" 1 and 2 HU Distribution Panels:

Properties:

- Basic panel with optimized functionality
- Suitable for the connection of all cables assembled by Rosenberger
- Available in the following two variants:
 - Fixed installation
 - Telescopic complete pullout: fully retractable
- Torsion and strain-resistant cable support for:
 - 2 PreCONNECT® Trunk cable dividers for 1 HU
 - 4 PreCONNECT® Trunk cable dividers for 2 HU
- 2 PG 21 (29mm) cable inputs
- Oblique 45° cable guide to rear, guide direction selectable
- 2 universal supports can be mounted for simplex, duplex and breakout cables, see Accessories
- Screen-printed front labeling: numerical and alphanumerical
- Material and color:
 - Body: aluminum, natural
 - Front: powder-coated aluminum, RAL 7035 (light gray)
- Depth: 250mm



19" 1 and 2 HU Distribution Panels:



Part numbers 1 HU RAL 7035 (light gray)

Number of channels / fibers	Adapter type	Fixed installation		Telescopic complete pullout	
		SM PC 0°	OM4	SM PC 0°	OM4
6/12	LC-Duplex	231A0173	231A1293OM4	230A0173	230A1293OM4
	SC-Duplex plastic	231A0420	231A0440OM4	230A0420	230A0440OM4
12/24	LC-Duplex	231A0175	231A1295OM4	230A0175	230A1295OM4
	SC-Duplex plastic	231A0421	231A0441OM4	230A0421	230A0441OM4
24/48	LC-Duplex	231A0177	231A1298OM4	230A0177	230A1298OM4
	SC-Duplex plastic	231A0422	231A0442OM4	230A0422	230A0442OM4

Part numbers 2 HU RAL 7035 (light gray)

24/48	LC-Duplex	235A1287	235A1317OM4	234A1287	234A1317OM4
	SC-Duplex plastic	235A0180	235A0400OM4	234A0180	234A0400OM4
48/96	LC-Duplex	235A1289	235A1319OM4	234A1289	234A1319OM4
	SC-Duplex plastic	235A0181	235A0401OM4	234A0181	234A0401OM4

Other adapter types and numbers of fibers on request.

19" 1 and 2 HU Distribution Panels Accessories:

Part numbers accessories 1 HU

Tertiary cable support Standard	1 unit	111A0403	
Large, with brush	1 unit	111A0418	
Support for 4 PreCONNECT® Trunks	1 set = 2 plates	111A0416	
Support (straight) for 6 PreCONNECT® Trunks	1 set = 2 plates	111A0425	
1 HU labeling field 30 x 35 mm	1 unit	111A0415	

Part numbers accessories 2 HU

Tertiary cable support Standard	1 unit	111A0403	
Large, with brush	1 unit	111A0611	
Support for 8 PreCONNECT® Trunks	1 set = 4 plates	111A0612	
Support (straight) for 12 PreCONNECT® Trunks	1 set = 4 plates	111A0613	
2 HU labeling field 30 x 88 mm	1 unit	111A0610	

PreCONNECT® SMAP-G2 19” Panel System with 1HU Part-Front-Plates PFP:

Port density:

- 48 LC-Duplex ports per HU

Dimensions:

- Width: 19"
- Height: 1, 2, 3 and 5 HU
- Depth: 200mm and 300mm. We recommend 300mm as shown here, because the space to accommodate trunk cable dividers and connector legs is uncomfortable narrow within 200mm deep panels.

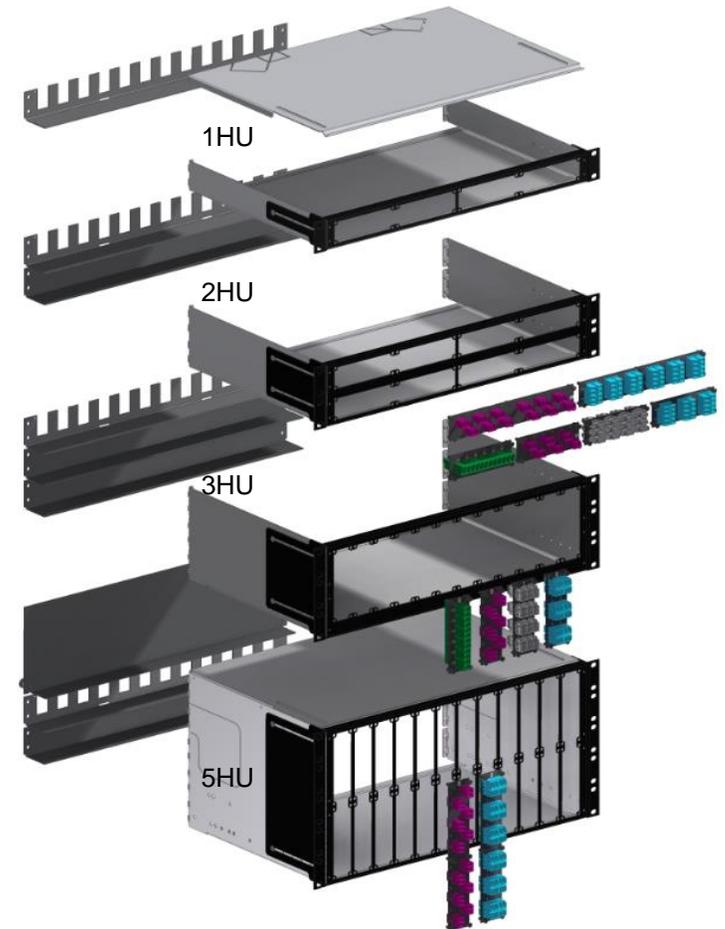
Part numbers:

SMAP-G2 empty distribution panels, RAL9005 black, back plane with 12 PreCONNECT® square interfaces:

1HU, depth 300mm	171A0001
1HU, depth 200mm	171A0020
2HU, depth 300mm	172A0001
3HU, depth 300mm	173A0001
5HU, depth 300mm	175A0001

SMAP-G2 panels for PURE trunks are described behind in this document.

Find further information in our product information SMAP-G2.



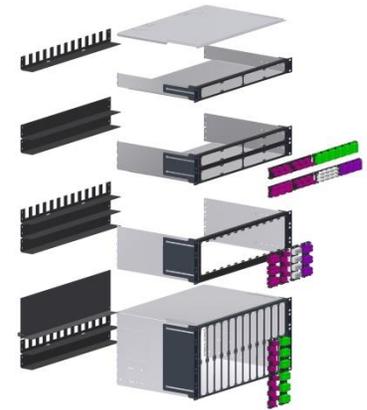
PreCONNECT® SMAP-G2 19” Panel System with 1HU Part-Front-Plates PFP:

Part numbers single components

Part-Front-Plates 1HE 1/4 – RAL 9005 (black)					
Blind-Part-Front-Plate		170A0001			
Number of channels/fibers	Adapter type	SM PC 0°	SM APC 8°	OM4	
6/12	LC-Duplex	170A0110	170A0120	170A0130OM4	
	SC-Duplex	170A0410	170A0420	170A0430OM4	
12/24	LC-Quad	170A0210	170A0220	170A0230OM4	
Part-Front-Plates 1HE 1/2 – RAL 9005 (black)					
Blind-Part-Front-Plate		170A0002			
Number of channels/fibers	Adapter type	SM PC 0°	SM APC 8°	OM4	
12/24	LC-Duplex	170A0150	170A0160	170A0170OM4	
	SC-Duplex	170A0450	170A0460	170A0470OM4	
12 x 2 = 24/48	LC-Quad	170A0250	170A0260	170A0270OM4	

Other adapter types and numbers of fibers on request.

Find further information in our product information SMAP-G2.



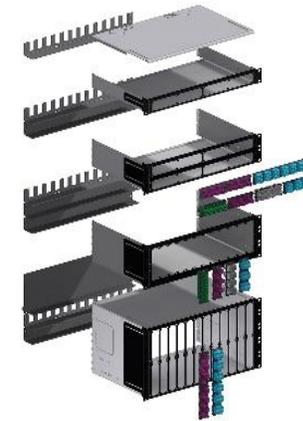
PreCONNECT® SMAP-G2 19” Panel System with 1HU Part-Front-Plates PFP:

Part numbers single components

Part-Front-Plates with labeling field 1HU 1/4 – RAL 9005 (black)					
Number of channels/fibers	Adapter type	SM PC 0°	SM APC 8°	OM4	
6/12	LC-Duplex	170A3110	170A3120	170A3130OM4	
12/24	LC-Quad	170A3210	170A3220	170A3230OM4	

Other adapter types and numbers of fibers on request.

Find further information in our product information SMAP-G2.



PreCONNECT® SMAP-G2 19” HIGH DENSITY Panel System with 1/3HU Part-Front-Plates PFP:

Port density:

- 72 LC-Duplex ports per HU

Dimensions:

- Width: 19"
- Height: 1HU and 2HU
- Depth: 200mm and 300mm. We recommend 300mm as shown here, because the space to accommodate trunk cable dividers and connector legs is uncomfortable narrow within 200mm deep panels.

Part numbers:

SMAP-G2 HD empty distribution panels, RAL9005 black, back plane with 12 PreCONNECT® square interfaces:

1HU, depth 300mm	171H0010
1HU, depth 200mm	171H0001
2HU, depth 300mm	172H0001
2HU, depth 200mm	on request

SMAP-G2 HD panels are not appropriate for PURE trunks.

Find further information in our product information SMAP-G2 HD.

LC-UNIBOOT HIGH DENSITY patchcords with push-pull-tabs at the connectors and cable diameter 2.0mm must be used with this panel system, to be found behind in this product information.

PreCONNECT® STANDARD trunks compatible with this panel must be ordered with so called „H length legs“, see trunk part number tables ahead in this product Information.



H length legs



PreCONNECT® SMAP-G2 19” HIGH DENSITY Panel System with 1/3HU Part-Front-Plates PFP:

Part numbers single components

Part-Front-Plates 1/3HE 1/4 – RAL 9005 (black)					
Blind-Part-Front-Plate		170H0001			
Number of channels/fibers	Adapter type	SM PC 0°	SM APC 8°	OM4	
6/12	LC-Duplex	170H2000	170H2001	170H2002OM4	

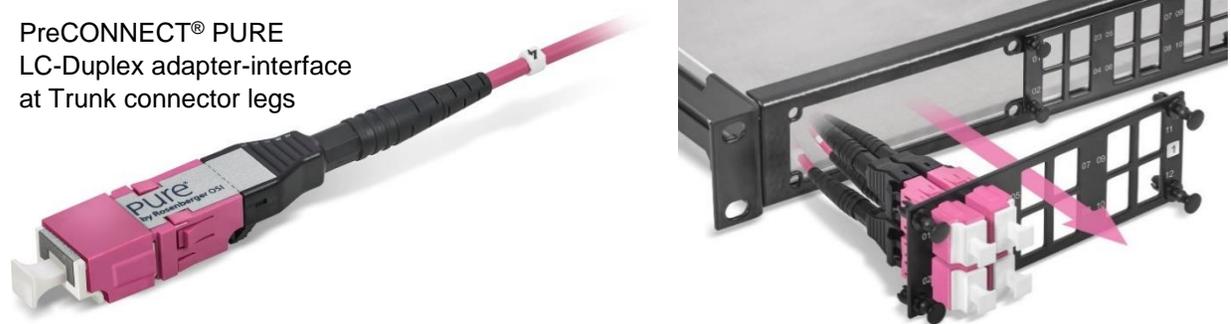
Other adapter types and numbers of fibers on request.

Find part numbers for panels factory assembled with part front plates in our product information SMAP-G2 HD.

SMAP-G2 PURE
19" Distribution Panels empty

Part numbers RAL9005 black	
1HU	171A0001P
2HU	172A0001P
3HU	173A0001P
5HU	175A0001P

PreCONNECT® PURE
 LC-Duplex adapter-interface
 at Trunk connector legs

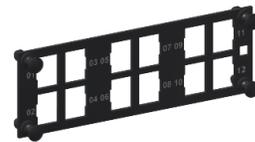


SMAP-G2 PURE Part-Front-Plates PFP

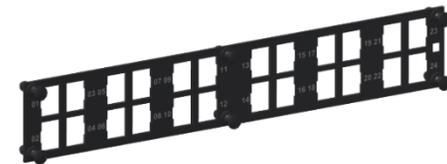
1HU 1/4 PFP for 12 LC-Duplex adapter-interfaces

1HU 1/2 PFP for 24 LC-Duplex adapter-interfaces

Standard back plane configuration for
 max. 12 Trunk cable-dividers per panel.



1HU 1/4 Blind-PFP



1HU 1/2 Blind-PFP



SMAP-G2 PURE 1HU 1/4 and 1/2 Part-Front-Plates part numbers RAL9005 black	
PFP type / number of adapter slots	SMAP-G2 PURE Part-Front-Plates without adapters
1/4 Blind-PFP	170A0001P
1/2 Blind-PFP	170A0002P
1/4 / 12 LC-Duplex	170A0130P
1/2 / 24 LC-Duplex	170A0170P

Patchcords

LC-UNIBOOT connectors for SMAP-G2 19” Panel System
 LC-UNIBOOT HIGH-DENSITY connectors with Pulltab for SMAP-G2
 HIGH-DENSITY 19” Panel System

Properties:

- Required for the high density of the SMAP-G2 HIGH-DENSITY 19” Panel System
- Kink and crush resistance optimized for environmental conditions
- Suitable for operation in temperatures from -10 °C to +60 °C
- Polarity:
 The standard polarity is TIA 568.3-D(A to B pairing) for full-duplex transmission system –A1 to B1, A2 to B2, etc.

Length tolerances:

- Up to 1 m = - 50 mm
- 2 m to 3 m = - 100 mm
- 4 m to 25 m = - 200 mm
- Longer than 25 m = - 1 %

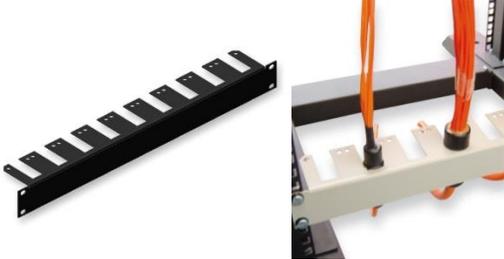
Delivery form:

- Attenuation measured in accordance with IEC 61300-3-4 “C” or “Substitution” method, measurement values on request

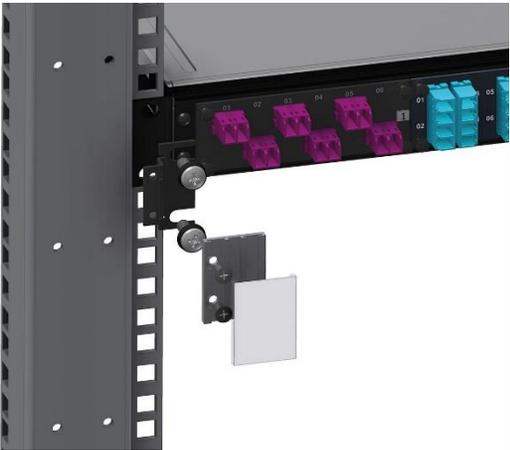
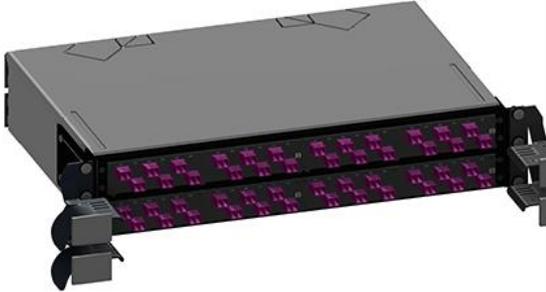


 Part numbers Duplex Patchcord cable type round OFNR Riser and OFNP Plenum rated 2 fibers Interconnect Cables					
Cable diameter	Connectors	Length	Rating	OM4	SM
2.0mm	LC-Uniboot » LC-Uniboot	variable	OFNR Riser	087A6661OM4	087A6662G657A1
			OFNP Plenum	087A6657OM4	087A6658G657A1
2.0mm	LC-Uniboot HD » LC-Uniboot HD	variable	OFNR Riser	087A6663OM4	087A6664G657A1
			OFNP Plenum	087A6659OM4	087A6660G657A1

Accessories:

	Part number	
<p>19" 1 HU Universal Trunk Cable Divider Holder</p> <p>For the universal installation of trunk cable dividers in 19" cabinets and racks. RAL 9005 (black)</p>	099A0085	
<p>19" 1 HU Individual Universal Trunk Cable Divider Holder</p> <p>For the universal installation of trunk cable dividers in 19" cabinets or racks or anywhere where these components can be installed individually. RAL 9005 (black)</p>	099A0065	
<p>19" Horizontal Cable Manager RAL 9005 (black)</p> <p>1 HU 2 HU</p>	111A0454 111A0453	
<p>19" Cable Overlength Panel to be mounted behind Cable Managers to store Trunk cable overlengths RAL 9005 (black)</p> <p>1 HU 2 HU Cable Managers must be ordered separately.</p>	142A0530 142A0531	



	Part number	
<p>Labeling Fields</p> <p>Suitable for all Rosenberger OSI panels and most commercially available panels, comprising:</p> <ul style="list-style-type: none"> - 1 labeling field - Mounting material - Mounting instructions <p>1 HU 2 HU 3 HU 4 HU 5 HU</p>	<p>171A0002 172A0002 173A0002 174A0002 175A0002</p>	
<p>1 HU Patchcord Guides</p> <p>For routing and fixing patchcords per height unit. 1 HU to both sides. The patchcord guide prevents excessively small bending radius, which increase attenuation in the patchcord. Set consisting of 1 HU left-hand and right-hand patchcord guides with labeling fields and Velcro strips, M6 screws and cage nuts. Suitable for use in 600 mm wide cabinets.</p> <p>For 1 HU Panel For 2 HU Panel For 3 HU Panel For 4 HU Panel For 5 HU Panel</p>	<p>171A0006 172A0006 173A0006 174A0006 175A0006</p>	

Accessories:

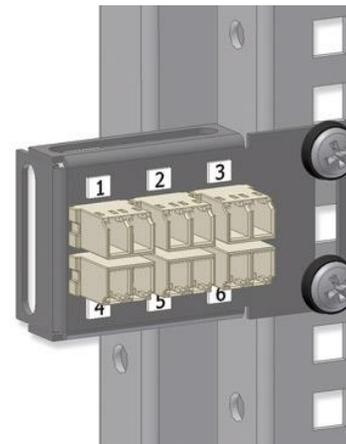
	Part Number	
<p>Patchcord Guides with foldaway labeling field</p> <p>For routing and fixing patchcords to both sides. The patchcord guide prevents excessively small bending radius, which increase attenuation in the patchcord.</p> <p>The foldaway labeling field can be opened for patching.</p> <p>RAL 9005 (black)</p> <p>1 HU 2 HU</p>	<p>170H0005 170H0006</p>	

Mini Universal Adapter Brackets:

Suitable for installation on 19" bars and for universal mounting.

Properties and delivery form:

- Material: Powder-coated sheet steel
- Color: RAL 9005 (matte black)
- Elongated holes on all sides for universal fixing
- Adapters mounted
- No screw or cage nuts



6 x LC-Duplex

Number of Adapters / Adapter type		SM PC 0°	OM4
2	LC-Duplex	099A0345	099A0347OM4
4	LC-Duplex	099A0342	099A0344OM4
6	LC-Duplex	099A0340	099A0305OM3

Patch Location Rack:

Applications:

- High-density data center infrastructures and ultra-high-density data center patch locations

Properties:

- Cable managers attach to the sides of the rack providing cable routing for jumpers and trunk cables
- Doors on the cable managers open in both directions and are completely removable
- Professional routing of large cable volumes from the patch areas and storage of cable over length in the vertical cable managers
- Rounded T-shaped fingers ensure that the cables are extremely well protected against bending and kinking even when subject to strain.
- Material and color: Powder-coated aluminum and steel, black or glacier white

Optional:

Cable manager available in multiple sizes (widths). Use End manager at the ends of rows or on single racks, use mid manager in-between racks in multi-rack rows.

Delivery form:

- Rack and cable managers are packaged separately. Choice of cable manager sizes. Rack assembles with included hardware. Cable managers attach to the side(s) of the rack.
- Attach rack to the floor with floor-mount hardware, M10 (3/8-16) concrete anchors or all thread.



Description	Part Number	Shipping Weight kg (lb)
Standard Rack, 45U, 2100 mm (84 in.) H, 150 mm (6 in.) D, 482.6 mm (19 in. EIA) W, Black	66353-703	17.2 (38)
Standard Rack, 45U, 2100 mm (84 in.) H, 150 mm (6 in.) D, 482.6 mm (19 in. EIA) W, Glacier White	66353-E03	17.2 (38)
Evolution g3 Combination Vertical Cable Manager, 2100 mm (84 in.) H, 513 mm (20.2 in.) D, 200 mm (8.0 in.) W, Black	35572-703	32.7 (72)
Evolution g3 Combination Vertical Cable Manager, 2100 mm (84 in.) H, 513 mm (20.2 in.) D, 200 mm (8.0 in.) W, Glacier White	35572-E03	32.7 (72)
Evolution g3 Combination Vertical Cable Manager, 2100 mm (84 in.) H, 513 mm (20.2 in.) D, 150 mm (6.0 in.) W, Black	35571-703	30.8 (68)
Evolution g3 Combination Vertical Cable Manager, 2100 mm (84 in.) H, 513 mm (20.2 in.) D, 150 mm (6.0 in.) W, Glacier White	35571-E03	30.8 (68)

About Rosenberger:

Rosenberger designs and manufactures world class solutions to address a variety of needs in Data Centers and Enterprise networks around the globe. With over 25 years of optical fiber network experience, and optical manufacturing in North America, Europe, Asia, and South America, our optical interconnection solutions are deployed in many of the largest Data Centers in the world. As the optical networking industry moves from many smaller enterprise owned data centers to fewer “hyper-scale” providers of Cloud and Colocation hosting, so has Rosenberger continued to innovate solutions to address the changing interconnection needs. Our solutions are deployed in many of the largest data centers of the world.

For further information, please visit: www.rosenberger.com

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