

PreCONNECT® TRUNK MULTIJUMPER

PRODUCT INFORMATION



PreCONNECT® TRUNK-MULTIJUMPER solution is available in three end face quality features: BASIC, PURE, and LOTUS**Define the end-face quality according to your application requirements:**

Quality feature BASIC is our well-proven, high-grade, standards compliant product in terms of end-face geometry, defect, and cleanness, 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 quality feature BASIC solution ensure end to end performance of the entire channel



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

- Guaranteed protection of the polished connector end-face 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^{*/**}.
- Quality feature 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.



Quality feature LOTUS builds upon our BASIC and 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:

Quality feature BASIC: The part numbers XXXAXXXX listed in this document are valid for the BASIC quality feature.

Quality feature PURE: Add a "P" to the end of the quality feature BASIC part number (*Example: XXXAXXXXP*)

Quality feature LOTUS: Add an "L" to the end of the quality feature BASIC part number (*Example: XXXAXXXXL*)

(Note: 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 PURE installations due to guaranteed performance, certain customers will require testing documentation for their records.*

*** Only applicable when all components are of quality feature PURE and installed by trained PURE installers.*

Applications:

Cabling of large switches and floor-standing IT hardware within data centers, to represent their ports in a patch location

System consists of:

- Factory assembled FO loose tube cables, FRNC-LSZH indoor and universal cables, up to 144 fi
- With connector systems LC, SC and E2000™ and application specific leg-lengths
- Special 19" Panels represent the ports of dedicated IT hardware
- Suitable Patchcords
- Useful accessories
- Patch Location Rack

Features:

- Representation of IT hardware ports in a patch locations
- Lengths of the connector legs can be ordered application specific



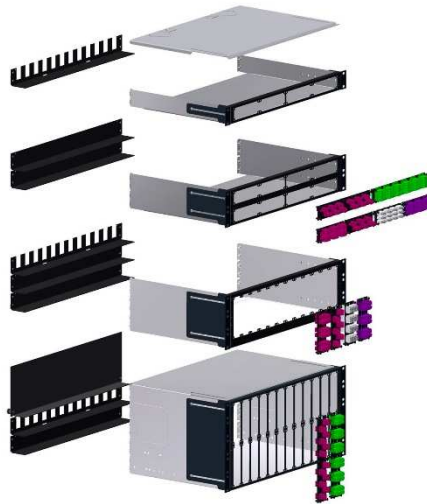
Your benefits at a glance:

- Cost reduction through direct attach of the IT Hardware Transceivers the TMJ connector legs
- Attenuation reduction through the saving of one connection in the transmission channel
- Application specific individually configurable
- Fast and safe installation through factory assembled Plug & Play systematic
- Highest quality and cost-efficiency through factory assembling
- PreCONNECT® cabling systems consist of perfectly harmonized modular single components

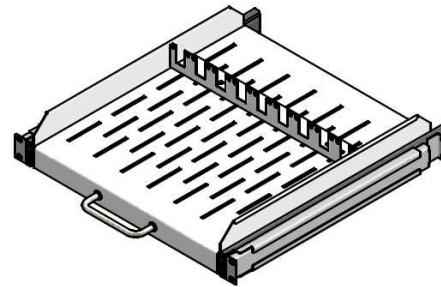
PreCONNECT® TRUNK
MULTIJUMPER



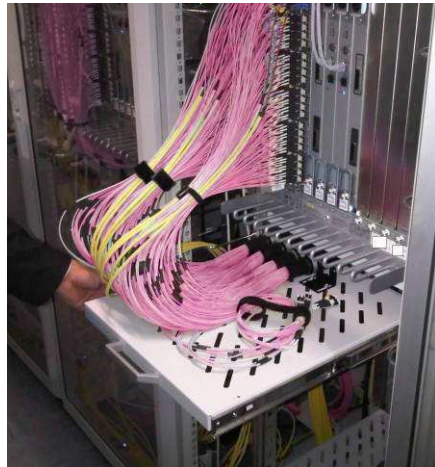
Highly modular SMAP-G2
19" Distribution Panels



Cable Divider Drawer



Patchcords



Patch Location Rack



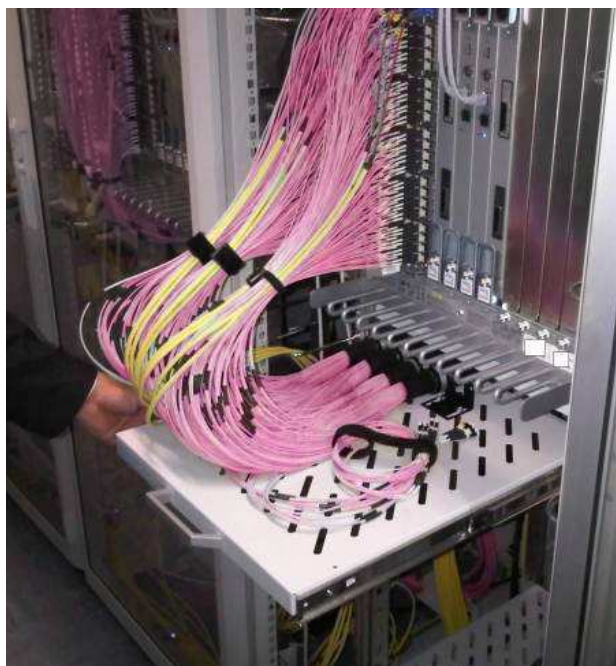
Accessories



Applications:

Cabling of large switches and floor-standing IT hardware within data centers, to represent their ports in a patch location.

- **Trunk Multijumper up to 144 fibers per Trunk**
- **Cost and attenuation optimized**
- **Focused on the useful and necessary**

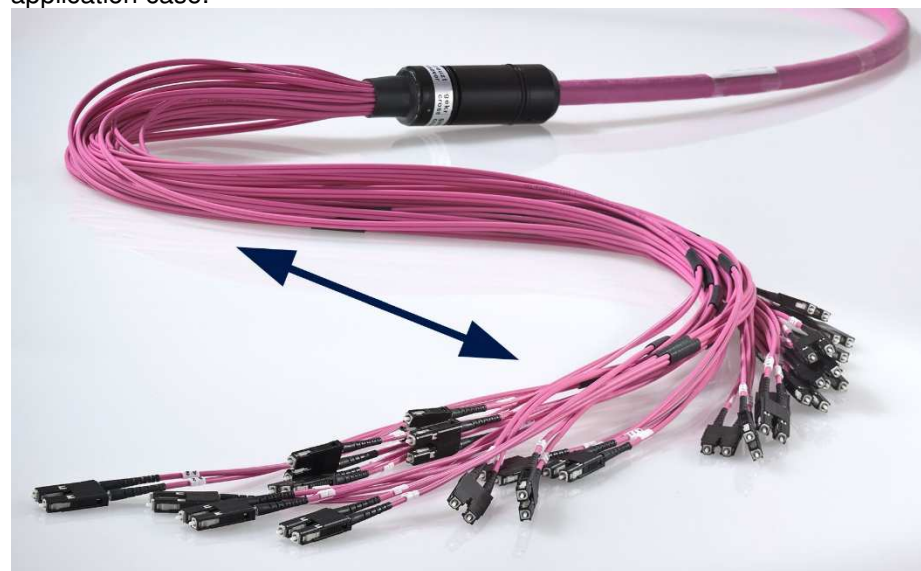


System description:

Our PreCONNECT® TRUNK MULTIJUMPER cabling system consists of:

- Trunk Multijumper TMJ called factory assembled FO loose tube cables up to 144 fibers, can be ordered with application specific „variable“ long connector legs:
 - Duplex connectors at 2x2.1 mm Zipcord fanouts, leg lengths up to max. 3 m possible
 - Compact connectors at 2,9 mm round fanouts, leg lengths up to max. 5 m possible
- Cable Divider Drawer, to be mounted below the switch to install the TMJ Cable Dividers
- a large variety of patchcords and accessories
- and Patch Location Racks

TMJ types with hybrid connector legs, „standard stepped“ at the patch location side A, fitting for the explicitly therefor developed 19" Panel systems, and leg lengths fitting for the to be attached hardware at side B, is the most common application case.



Properties:

Both cable ends of the PreCONNECT® TRUNK MULTIJUMPER are molded within the cable dividers.

Rosenberger OSI brought already 1991 high fibercount factory assembled FO Trunk cables to the market. PreCONNECT® STANDARD was the first in Europe developed and manufactured, high fibercount and modular „Plug-and-Play“ FO cabling system.

The PreCONNECT® cable divider is a splice-less furcation to separate the fibers of loose tube cables. He is one of the mechanically and thermally most robust cable dividers for loose tube cables at smallest diameters. With its integrated PreCONNECT® square interface, the cable divider can be tool-less hooked into PreCONNECT® Panels for tensile and torsion resistant fixing of the Trunks.

Coding/polarity: The connector legs are alpha numerical uniquely coded. The standard polarity is „channelwise crossed“ (pairwise flipped) for full-duplex transmission systems – A1 to B1, A2 to B2, etc. On request „uncrossed“ deliverable.

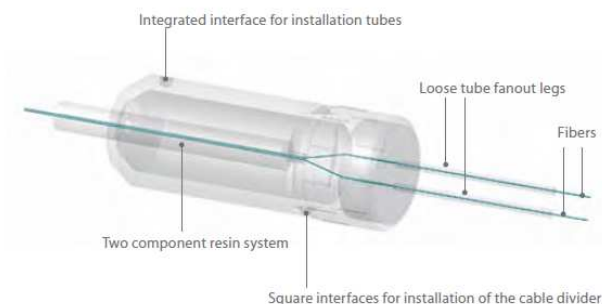
Length definition: Order-length = length between the connectors of the longest legs at both sides, not between the PreCONNECT® cable dividers.

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

Installation protection: The package of application specific „variable“ legs is a not pull resistant dust-proof foil tube.

On „standard stepped“ legs you can select:

- dust-proof foil tube
- and 600 N tensile-strength, crush and kink resistant, IP50 dust-proof indoor-installation-tube



Properties:

Trunk cable type:

PreCONNECT® TRUNK MULTIJUMPER are deliverable with all common loose tube cables up to 144 fibers, mostly used:

- Indoor cable I-B(ZN)BH

Cable data, see separate cable data sheets.

Fiber types:

With all common Fiber types deliverable. Bend-insensitive fibers standard.

Fiber data, see separate fiber data sheets.

Connector types:

With all common connector types deliverable, mostly used:

- LC-Compact on both sides
- LC-Compact at the patch location side A and MTP® at the hardware side B if there are MPO Transceiver to be attached
- MTP®, see also Product Information PreCONNECT® OCTO and HIGH DENSITY



Connector data, see separate connector data sheets.



PreCONNECT® TRUNK MULTIJUMPER
with indoor cable I-B(ZN)BH:

With application specific „variable“ long connector legs:

- Duplex connectors at 2x2.1 mm Zipcord fanouts, leg lengths up to max. 3 m possible
- Compact connectors at 2,9 mm round fanouts, leg lengths up to max. 5 m possible



Part numbers

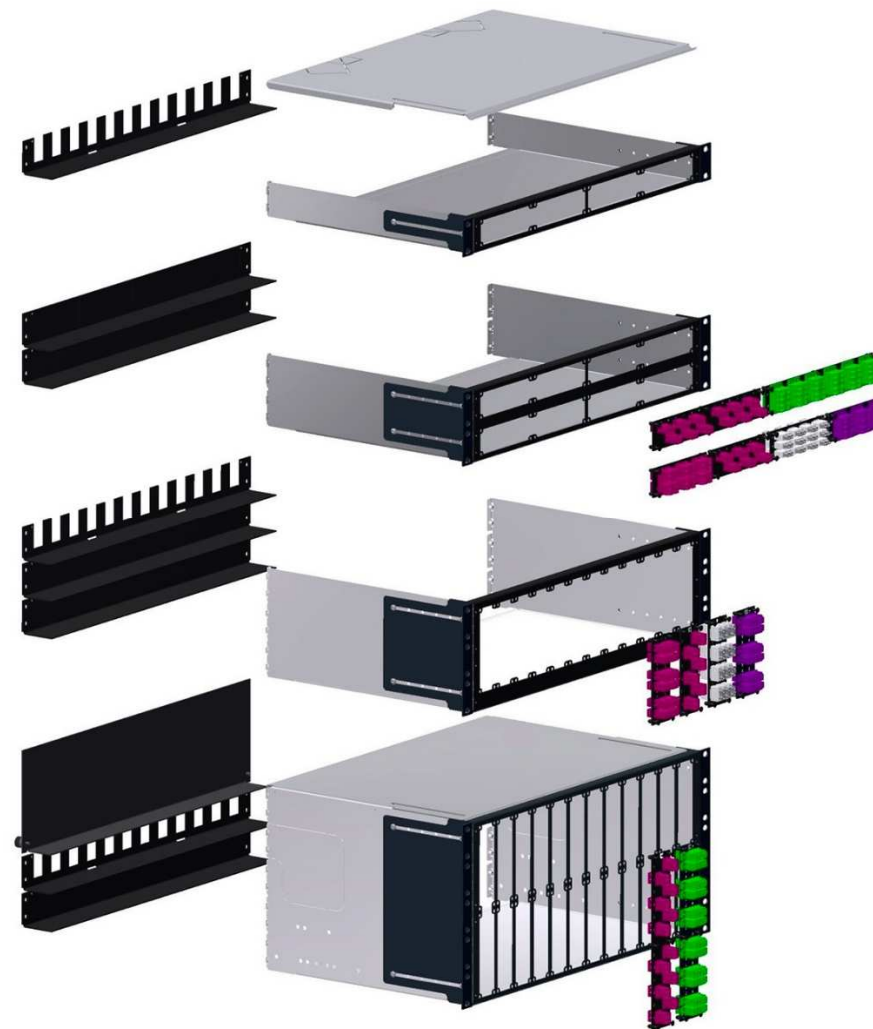
Number of channels/fibers	Connectors on both sides	SM	OM3	OM4
24/48	LC-Compact PC 0°	049A1902G657A1	049A1912OM3	049A1912OM4
36/72	LC-Compact PC 0°	049A1903G657A1	049A1913OM3	049A1913OM4
48/96	LC-Compact PC 0°	049A1904G657A1	049A1914OM3	049A1914OM4
72/144	LC-Compact PC 0°	049A1905G657A1	049A1915OM3	049A1915OM4

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











Properties:

- Maximized modularity and flexibility thanks to application specific combinations of ¼ and ½ Part Front Plates (PFPs)
- PFPs can be inserted without the need for tools thanks to the use of quick-release fasteners
- Variable 19" screw-fit mounting plates; mounting depth adjustable
- Extremely robust, lightweight panel
- Suitable for the connection of all cables assembled by Rosenberger OSI
- 1 to 5 HU, equipped with 1 HU ¼ or ½ PFPs depending on number of fibers and type of adapter
- Matrix numbering of the PFPs:
 - Channels in part front plates: 1 to n labeled,
 - PFPs in the panel are numbered with clips 1 to n (example: channel 3 - 4 is in PFP 3, channel 4)
- Material and color:
 - Front: Powder-coated steel, RAL 9005 (matt black)
 - Body: aluminium, natural
 - Back plane: Powder-coated steel, RAL 9005 (matt black)
- Depth: 300 mm
- **SMAP-G2 Panel for PURE Trunks are described behind in this document.**



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




Part numbers Single components

19" SMAP-G2 Distribution Panels for use with SMAP-G2 Part Front Plates, RAL 9005 (black)						
1 HU Empty Panel						171A0001
2 HU Empty Panel						172A0001
3 HU Empty Panel						173A0001
5 HU Empty Panel						175A0001
SMAP-G2 1/4 – Part Front Plates RAL 9005 (black)						
Blind-Part Front Plates 1/4		170A0001				
Number of channels/ fi-bers	Adapter type	SM PC 0°	SM APC 8°	OM3	OM4	
6/12	LC-Duplex	170A0110	170A0120	170A0130OM3	170A0130OM4	
	SC-Duplex	170A0410	170A0420	170A0430OM3	170A0430OM4	
	E-2000™-Compact	170A0510	170A0520	170A0530		
12/24	LC-Quad	170A0210	170A0220	170A0230OM3	170A0230OM4	
SMAP-G2 1/2 – Part Front Plates RAL 9005 (black)						
Blind Part Front Plates 1/2		170A0002				
Number of channels/ fi-bers	Adapter type	SM PC 0°	SM APC 8°	OM3	OM4	
12/24	LC-Duplex	170A0110	170A0120	170A0130OM3	170A0130OM4	
	SC-Duplex	170A0410	170A0420	170A0430OM3	170A0430OM4	
	E-2000™-Compact	170A0550	170A0560	170A0570		
12 x 2 = 24/48	LC-Quad	170A0250	170A0260	170A0270OM3	170A0270OM4	

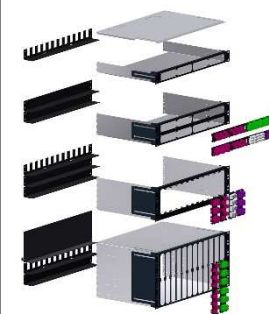
With other adapter types and numbers of fibers on request.



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

SMAP-G2 1/4 – Part Front Plates with Labeling field RAL 9005 (black)						
Number of channels/ fibers	Adapter type	SM PC 0°	SM APC 8°	OM3	OM4	
6/12	LC-Duplex	170A3110	170A3120	170A3130OM3	170A3130OM4	
	E-2000™-Compact	170A3510	170A3520	170A3530		
12/24	LC-Quad	170A3210	170A3220	170A3230OM3	170A3230OM4	

With other adapter types and numbers of fibers on request.



PreCONNECT® SMAP-G2 19" Panels factory assembled with 1HU Part-Front-Plates PFP:

Part numbers for SMAP-G2 Panel with Part-Front-Plates PFP				
HU	Number and PFP type	Number LC-Duplex ports	OM4	SM
1	4 x 1HU ¼ 6 LCQ	48	171A5000OM4	171A5001
1	2 x 1HU ½ 12 LCQ	48	171A5002OM4	171A5003
2	8 x 1HU ¼ 6 LCQ	96	171A5004OM4	171A5005
2	4 x 1HU ½ 12 LCQ	96	172A5006OM4	172A5007



Other HU and configuration on request.

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

- Maximized modularity and flexibility thanks to application specific combinations of 1/3 HU 1/4 Part Front Plates (PFPs)
- PFPs can be inserted without the need for tools thanks to the use of quick-release fasteners
- Variable 19" screw-fit mounting plates; mounting depth adjustable
- Extremely robust, lightweight panel
- Suitable for the connection of all cables assembled by Rosenberger OSI
- Matrix numbering of the PFPs:
 - Channels in part front plates: 1 to n labeled,
 - PFPs in the panel are numbered with clips 1 to n (example: channel 3 - 4 is in PFP 3, channel 4)
- Material and color:
 - Front: Powder-coated steel, RAL 9005 (matt black)
 - Body: aluminium, natural
 - Back plane: Powder-coated steel, RAL 9005 (matt black)
- Depth: 200 mm
- ***This Panel can't be used for PURE Trunks.***



PreCONNECT® SMAP-G2 19" HIGH DENSITY Panel System with 1/3HU Part-Front-Plates PFP:**Part numbers single components**

19" Empty Panels RAL 9005 (black)						
1 HU						171H0001
2 HU						172H0001
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°	OM3	OM4	
6/12	LC-Duplex	170H2000	170H2001	170H2002OM3	170H2002OM4	

With other adapter types and numbers of fibers on request.

LC-COMPACT HIGH-DENSITY Patchcords with Push-Pull-Tabs at the connectors must be used with this panel system. See the following pages in this Product Information.

**PreCONNECT® SMAP-G2 19" HIGH-DENSITY Panels factory assembled with 1HU Part-Front-Plates PFP:**

Part numbers for SMAP-G2 HIGH-DENSITY Panel with Part-Front-Plates PFP				
HU	Number and PFP type	Number LC-Duplex ports	OM4	SM
1	12 x 1/3HU ¼ 6 LCD	72	171H3000OM4	171H3001
2	24 x 1/3HU ¼ 6 LCQ	144	171H3002OM4	171H3003

Other HU and configuration on request.

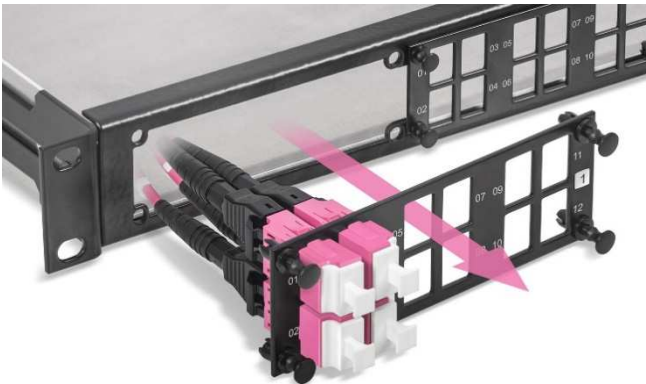
SMAP-G2 PURE
19“ Distribution Panels empty:

Part numbers RAL9005 black, 300mm depth	
1HU	171A0001P
2HU	172A0001P
3HU	173A0001P
5HU	175A0001P

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



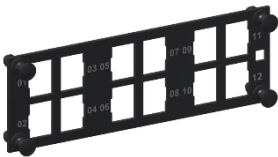
PreCONNECT® PURE LC-Duplex
adapter-interface
at Trunk connector legs



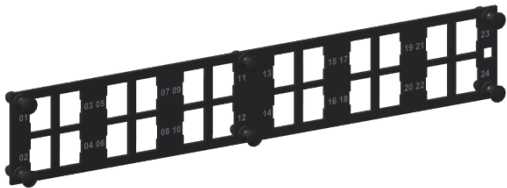
SMAP-G2 PURE Part-Front-Plates PFP

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

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



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

SMAP-G2 PURE
19" Distribution Panels empty:

Part numbers RAL9005 black, 300mm depth	
1HU	171A0001P
2HU	172A0001P
3HU	173A0001P
5HU	175A0001P

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



PreCONNECT® PURE MTP®
adapter-interface
at Trunk connector legs



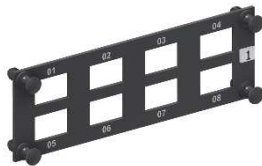
1HU 1/2 TFP for 12 MTP® adapter-interfaces

SMAP-G2 PURE Part-Front-Plates PFP

1HU 1/4 TFP for 6 and 8 MTP® adapter-interfaces



1HE 1/4 Blind-PFP



1HE 1/2 Blind-PFP

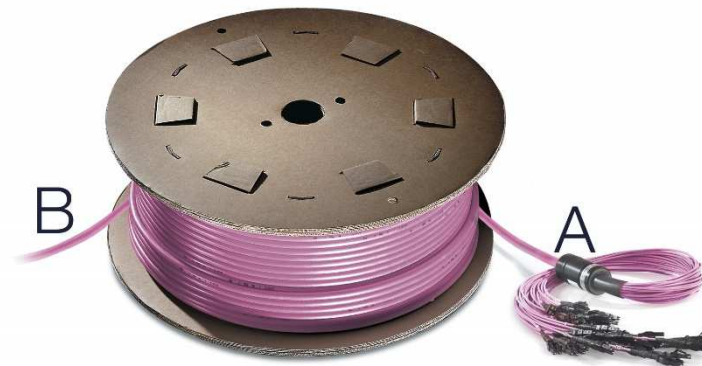
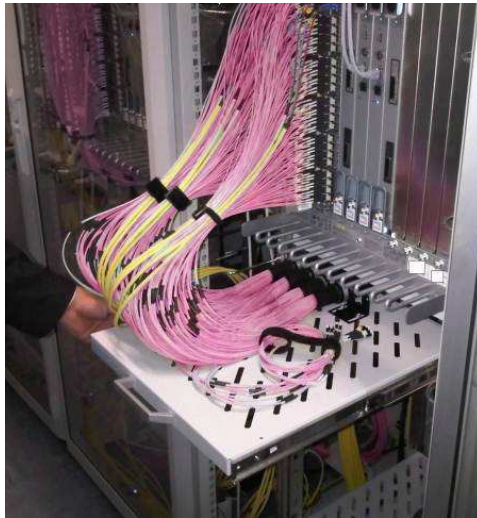


SMAP-G2 PURE 1HU 1/4 and 1/2 Part-Front-Plates part numbers RAL9005 black	
PFP type / number of adapter slots	SMAP-G2 PURE Part-Front-Plates without adapters
1/4 Blind-PFP	170A0001P
1/2 Blind-PFP	170A0002P
1/4 / 6 MTP®	170A0630P
1/4 / 8 MTP®	170A0140P
1/2 / 12 MTP®	170A0670P

PreCONNECT® TRUNK MULTIJUMPER for Brocade DCX switches:

- With indoor cable I-B(ZN)BH and LC-Compact connectors on both sides
- „standard stepped“ connector legs at the patch location side A fitting for the 19" Panels
- at the switch side B connector leg lengths fitting for the DCX blades

B Switch side with Cable Divider Drawer



SMAP-G2 19" Panels to represent the switch ports within the Patch Location Rack



PreCONNECT® TRUNK MULTIJUMPER for Brocade DCX switches:

- With indoor cable I-B(ZN)BH and LC-Compact connectors on both sides
- „standard stepped“ connector legs at the patch location side A fitting for the 19" Panels
- at the switch side B connector leg lengths fitting for the DCX blades

Part numbers:

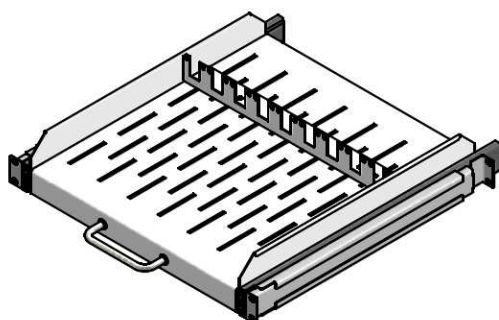
PreCONNECT® TRUNK MULTIJUMPER:

- TMJ for 32 SFP+ port blade: OM3, 33 channels (channel #33 for redundancy) # **050A0008OM3**
- TMJ for 48 SFP+ port blade: OM4, 48 channels, # **050A0005OM4**
- TM J for 64 mSFP+ port blade: OM4, 65 channels (channel #65 for redundancy) # **050A0010OM4**

Other TMJ types on request.

19" 2 HU Cable Divider Drawer:

With 9 PreCONNECT® square-interfaces
to install TMJ Cable Dividers below switches.



RAL7035 (light gray) # 142A0516
RAL9005 (black) # 142A0525

Trunk-MJ leg lengths for DCX blades 15 mm steps, manufacturing tolerance – 5 cm

32 SFP+ port blade leg #	48 SFP+ port blade leg #	64 mSFP+ port blade leg #	Leg lengths [mm]
		31 and 63	1165
		30 and 62	1150
		29 and 61	1135
		28 and 60	1120
		27 and 59	1105
		26 and 58	1090
		25 and 57	1075
		24 and 56	1060
15 and 31	23 and 47	23 and 55	1045
14 and 30	22 and 46	22 and 54	1030
13 and 29	21 and 45	21 and 53	1015
12 and 28	20 and 44	20 and 52	1000
11 and 27	19 and 43	19 and 51	985
10 and 26	18 and 42	18 and 50	970
9 and 25	17 and 41	17 and 49	955
8 and 24	16 and 40	16 and 48	940
	15 and 39	15 and 47	925
	14 and 38	14 and 46	910
	13 and 37	13 and 45	895
	12 and 36	12 and 44	880
	11 and 35	11 and 43	865
	10 and 34	10 and 42	850
	9 and 33	9 and 41	835
	8 and 32	8 and 40	820
7 and 23	7 and 31	7 and 39	805
6 and 22	6 and 30	6 and 38	790
5 and 21	5 and 29	5 and 37	775
4 and 20	4 and 28	4 and 36	760
3 and 19	3 and 27	3 and 35	745
2 and 18	2 and 26	2 and 34	730
1 and 17	1 and 25	1 and 33	715
0 and 16	0 and 24	0 and 32	700

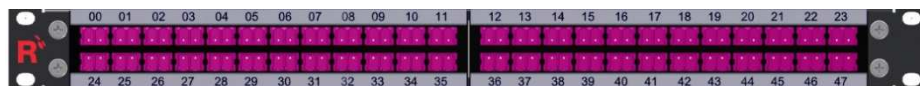
SMAP-G2 19" Distribution Panels to represent DCX ports in a patch location fitting for TMJ leg length side A "standard stepped":

Part numbers:

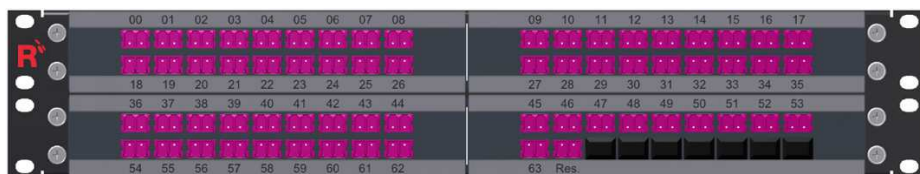
1 HU, 32 channels LC-Duplex OM3: # 746087



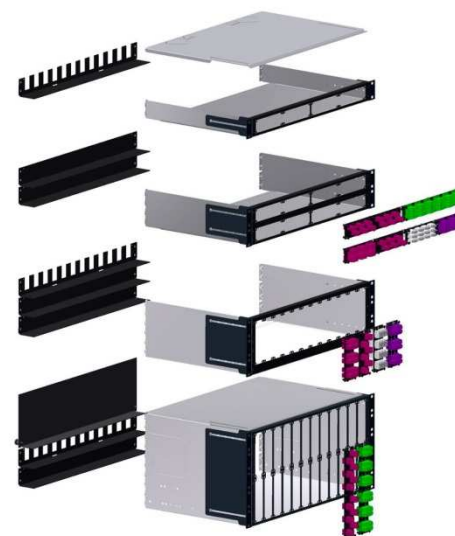
1 HU, 48 channels LC-Duplex OM4: # 753188



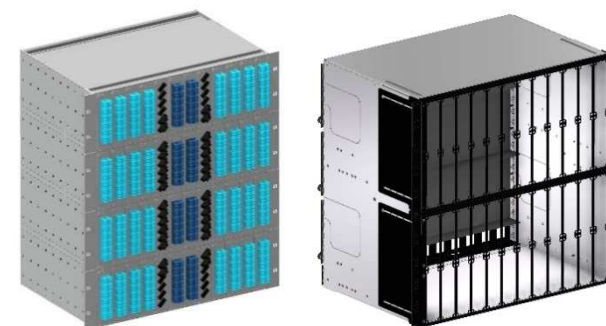
2 HU, 65 channels LC-Duplex OM4: # 745520



SMAP-G2 19" Distribution Panel System



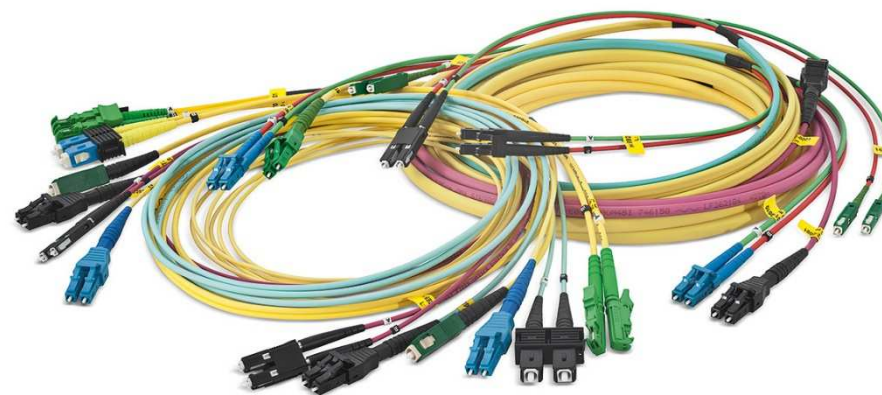
To represent large switches completely within one panel, such large panels are deliverable on request.



Patchcords:

Properties:

- Kink and crush resistance optimized for environmental conditions
- Suitable for operation in temperatures from -10 °C to +60 °C, patch-cords for other temperature ranges on request
- Polarity:
 - Full-duplex cables with duplex connectors on both sides “crossed”
A to B in accordance with ISO/IEC 11801 and EN 50173
 - Half-duplex cables with duplex/simplex connectors “uncrossed”
A to A
 - Duplex cables with simplex connectors on both sides “uncrossed”
A to A



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
- Serial number labels at the cable ends on both sides
- Individually packaged in foil bags with product ID label

**Part numbers****Duplex Patchcords cable type Zipcord I-V(ZN)H 2 x 2.1 mm FRNC-LSZH**

Connectors	Length	SM	OM3	OM4
LC-Duplex » LC-Duplex	variable	087A5005G657A1	087A5015OM3	087A5015OM4
LC-Duplex » SC-Duplex	variable	087A5035G657A1	087A5045OM3	087A5045OM4

With other connectors and fiber types on request.

**Part numbers****Duplex Patchcords cable type Zipcord I-V(ZN)H 2 x 2.8 mm FRNC-LSZH**

Connectors	Length	SM	OM3	OM4
SC-Duplex » SC-Duplex	variable	062A0180G657A1	062A0160OM3	062A0160OM4
SC-Duplex » LC-Duplex	variable	087A2068G657A1	087A2078OM3	087A2078OM4
E-2000™ HRL Simplex » E-2000™ HRL Simplex	variable	069A2200G657A1	-	-

With other connectors and fiber types on request.

**Part numbers****Duplex Patchcords cable type double-jacket flat-breakout I-V(ZN)HH 2 x 2.1 mm FRNC-LSZH**

Connectors	Length	SM	OM3	OM4
LC-Duplex » LC-Duplex	variable	087A1900G657A1	087A1911OM3	087A1911OM4
LC-Duplex » SC-Duplex	variable	087A2000G657A1	087A2079OM3	087A2079OM4
E-2000™ HRL Simplex » E-2000™ HRL Simplex	variable	069A2202G657A1	-	-

With other connectors and fiber types on request.

**Part numbers****Duplex Patchcords cable type double-jacket flat-breakout I-V(ZN)HH 2 x 2.8 mm FRNC-LSZH**

Connectors	Length	SM	OM3	OM4
SC-Duplex » SC-Duplex	variable	062A0179G657A1	062A0159OM3	062A0159OM4
SC-Duplex » LC-Duplex	variable	087A2069G657A1	087A2011OM3	087A2011OM4
E-2000™ HRL Simplex » E-2000™ HRL Simplex	variable	069A2201G657A1	-	-

With other connectors and fiber types on request.

**Part numbers****Duplex Patchcords cable type round I-V(ZN)H 2.0 mm FRNC-LSZH**

Connectors	Length	SM	OM3	OM4
LC-Compact » LC-Compact	variable	087A6620G657A1	087A6623OM3	087A6623OM4
LC-Compact APC 8° » LC-Compact APC 8°	variable	087A6622G657A1	-	-

With other connectors and fiber types on request.

**Part numbers****Duplex Patchcords cable type round I-V(ZN)H 2.8 mm FRNC-LSZH**

Connectors	Length	SM	OM3	OM4
LC-Compact » LC-Compact	variable	087A6600G657A1	087A6601OM3	087A6601OM4
LC-Compact APC 8° » LC-Compact APC 8°	variable	087A6609G657A1	-	-

With other connectors and fiber types on request.

**Part numbers****Duplex Patchcords cable type round I-V(ZN)H(ZN)H 2.8/5.0 mm FRNC-LSZH**

Connectors	Length	SM	OM3	OM4
LC-Compact » LC-Compact	variable	087A6610G657A1	087A6613OM3	087A6613OM4
LC-Compact APC 8° » LC-Compact APC 8°	variable	087A6612G657A1	-	-

With other connectors and fiber types on request.

Patchcords:

With **LC-COMPACT HIGH-DENSITY** connectors with **Push-Pull-Tab** for **SMAP-G2 HIGH-DENSITY 19" Panel System**

Properties:

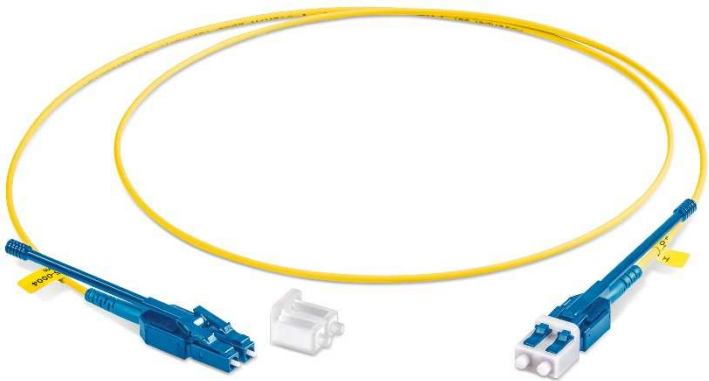
- Required for the high density of the SMAP-G2 HIGH-DENSITY 19" Panel System
- Kink and crush resistance optimized for environmental conditions
- Suitable for operation in temperatures from -10 °C to +60 °C
- Polarity:
Full-duplex cables with duplex connectors on both sides "crossed" A to B in accordance with ISO/IEC 11801 and EN 50173


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:


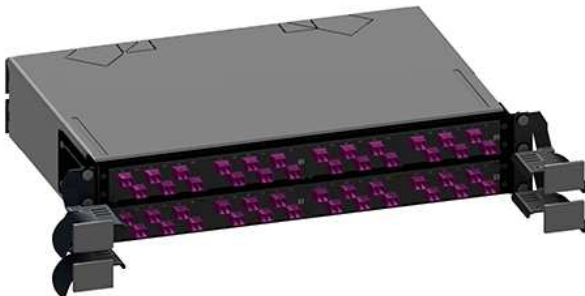
- Attenuation measured in accordance with IEC 61300-3-4 „C“ or „Substitution“ method, measurement values on request
- Serial number labels at the cable ends on both sides
- Individually packaged in foil bags with product ID label



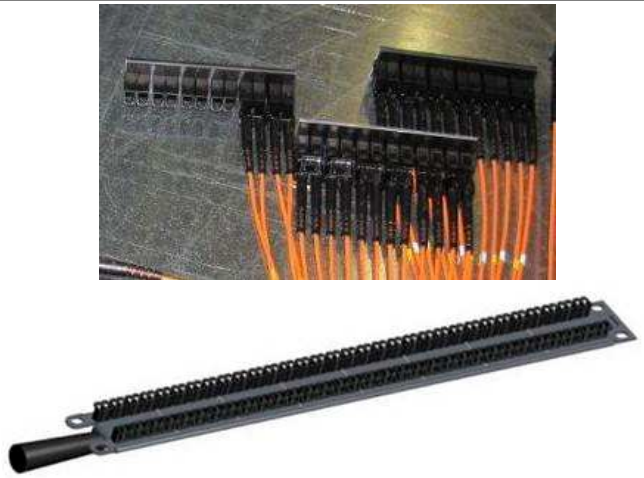


<div> Part numbers Duplex Patchcord cable type round I-V(ZN)H FRNC-LSZH</div>				
Cable diameter	Connectors	Length	OM4	SM
2.0mm	LC-Compact HD » LC-Compact HD	Variable	087A6655OM4	087A6654G657A1
2.8mm	LC-Compact HD » LC-Compact HD	variable	087A6638OM4	087A6644G657A1
Double-Jacket 2.8/5.0mm	LC-Compact HD » LC-Compact HD	variable	087A6653OM4	087A6652G657A1

Accessories:

	Part number	
19" 1 HU Universal Trunk Cable Divider Holder For the universal installation of trunk cable dividers in 19" cabinets and racks. RAL 9005 (black)	099A0085	 
19" 1 HU Individual Universal Trunk Cable Divider Holder 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)	099A0065	 
19" Horizontal Cable Manager RAL 9005 (black) 1 HU 2 HU	111A0454 111A0453	
19" Cable Overlength Panel to be mounted behind Cable Managers to store Trunk cable overlengths RAL 9005 (black) 1 HU 2 HU Cable Managers must be ordered separately.	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 radii 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>	

	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 radii 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>	
<p>Connectors Safe</p> <p>To store max. 6 LC-Compact spare connector legs of TMJ.</p>	<p>137A2000</p>	
<p>MPR Plates</p> <p>6-channel 64-channel</p> <p>To store LC-Compact connector legs of TMJ while maintenance works on switches.</p>	<p>111A0501 111A0500</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 (matt black)
- Elongated holes on all sides for universal fixing
- Adapters mounted
- No screw or cage nuts



6 x LC-Duplex

Part numbers

Number of Adapters / Adapter type		SM PC 0°	OM3	OM4
2	LC-Duplex	099A0345	099A0347OM3	099A0347OM4
4	LC-Duplex	099A0342	099A0344OM3	099A0344OM4
6	LC-Duplex	099A0340	099A0305OM3	099A0305OM4

Patch Location Rack:

Applications:

- High-density data center infrastructures
- For the construction of ultra-high-density data center patch locations

Properties:

- Innovative, restriction-free cable management system
- Rack pillars with integrated cable managers to prevent interference with cable routing
- The covers of the cable managers fold in both directions and are completely removable
- Individually selectable feedthroughs in the sides and rear walls of the large-volume cable channel for simple vertical and horizontal cable routing
- Professional routing of large cable volumes from the patchfields and storage of cable overlengths in the vertical cable managers
- Particularly suitable for fiber optic cables thanks to the use of cable clips (L-fingers) and finger slots:
 - The rounded L-fingers ensure that the cables are extremely well protected against bending and kinking even when subject to strain.
 - The L-fingers do not have any sharp edges and are extremely strong and resistant to breakage.
 - Because there is plenty of space for them in the large finger slots, the cables are neither squeezed nor kinked.
 - The L-fingers retain the cables in the finger slots whenever you need to work with the covers folded back or removed.
- Dimensions (H x L x W): 213 (46 HU) x 90 x 90 cm
- Material and color: Powder-coated steel, RAL 9005 (black)

Optional:

19" Intermediate Rack for the construction of rack rows with uneven numbers of racks on request.

Delivery form:

- Factory-mounted on pallet (total height with pallet and packaging: 230 cm)
- Including adjustable feet for on-site installation

Accessories:

Wide range of accessories such as side walls, cable guides, excess cable storage for the top of the rack are available on request.



More details are on our
Product Information "DC-PLR"

About Rosenberger OSI:

Since 1991, Rosenberger Optical Solutions & Infrastructure (Rosenberger OSI) has been an expert in innovative fiber optic cabling infrastructure and service solutions for Data Centers, Local Networks, Telecom and Industrial.

The products and services can be found wherever largest amounts of data have to be transferred quickly and securely. In addition to the development and production of a broad portfolio of fiber optic and copper cabling systems, Rosenberger OSI also offers a variety of services such as planning, installation and maintenance of cabling infrastructure. Rosenberger OSI has been a part of the globally operating Rosenberger Group since 1998, a worldwide leading provider of high-frequency-, high-voltage-, and fiber-optic-connection solutions headquartered in Germany.

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

Rosenberger

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