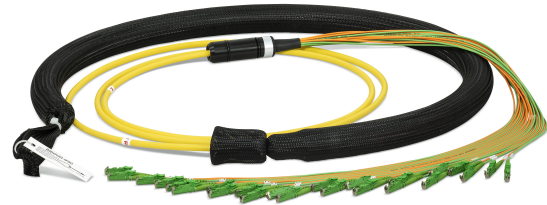


PRODUCTPROFILE

Catalogue number: 031A1015G657A1

Partnumber: 704918

PreCONNECT® STANDARD TRUNK
12 channels, 24 fibers, 9/125µm, yellow
Connector side A: E2000HRL Simplex ceramic
Connector side B: E2000HRL Simplex ceramic
Cable U-DQ(ZN)BH24E9/125µm



Related documents:

| | |
|-----------------------------|---------------------|
| DS_E2000HRL_STECKER_R_SM_OE | Steckerdatenblatt |
| DS_FASER G657A1_OE | Fiber Data Sheet |
| DS_U-DQZNBHN1750_L_OE | Cable Data Sheet |
| PRECONNECT_STANDARD_OE | Product Information |

E-2000® HRL Connectors



All dimensions are in mm; tolerances acc. ISO 2768 m-H

Properties

E-2000® connector is designed with Push-Pull locking, automatically closing dust flap.
Angled polish 8°

Interface

E-2000™, acc. to IEC 61754-15 and CECC 86275-802

Material for connectors

Ferrule : Zirconia ceramic, Ø 2.5 mm
Body : Plastics, green
Boot : Plastics, green

Fiber Type

Singlemode : 9/125µm

Optical data

| | | | |
|------------------|-----------|----------------|---------|
| Insertion Loss : | S/M | Typical | max. |
| | S/M 0.1dB | 0.15 dB | 0.25 dB |
| Return Loss : | S/M | 0.10 dB | 0.15 dB |
| | | ≥70 dB(HRL 8°) | |

Mechanical data

Mating cycle ≥ 500

Environmental data

Operation temperature range -40°C to +85°C
Storage temperature range -40°C to +85°C

Suitable cables

Cable Types : Ø 0.9 ~ 3.3 mm

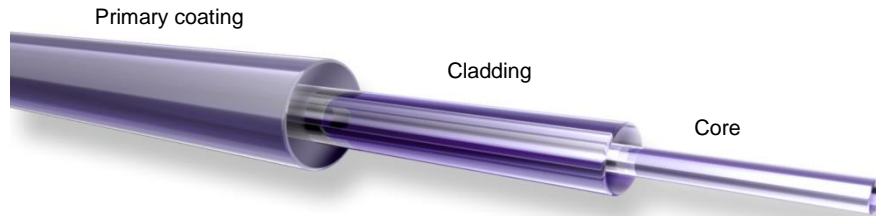
Packaging

Standard Packaging.

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

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| | | | | | | | |
|---------|------------|------------|------------|------|---------------------------|------------|------------|
| Draft | Date | Approved | Date | Rev. | Engineering change number | Name | Date |
| Y.Zhang | 31.03.2017 | H.Jungbäck | 31.03.2017 | 008 | --- | A.Burggraf | 26.11.2019 |



Standards

Stepped index fiber 9/125µm according to
 -ISO/IEC 11801 und EN 50173-1 OS2
 -IEC 60793-2-50 type B1.3
 -ITU G.657.A1 und G.652.D

Structure

Silica fiber with two layer acrylate primary coating

Geometrical properties

| | |
|--------------------------------|--------------------|
| Modefield diameter @1310 nm | 9.2 µm +/- 0.4 µm |
| Modefield diameter @1550 nm | 10.4 µm +/- 0.5 µm |
| Cladding diameter | 125 µm +/- 0.07 µm |
| Cladding non-circularity | ≤ 0.7 % |
| Core-Cladding concentricity | ≤ 0.5 µm |
| Primary coating diameter | 242 µm +/- 5 µm |
| Coating-Cladding concentricity | < 12 µm |

Mechanical properties

Break strength SCREEN-Test 1 % strain for 1 s @100 kpsi

Thermal properties

Operating temperature range -60 to +85°C

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Transmission characteristics

Attenuation:

Cabled fiber tight buffered: @ 1310 nm max. 0.38 dB/km
@ 1550 nm max. 0.28 dB/km

Cabled fiber loose tube: @ 1310 nm max. 0.36 dB/km
@ 1550 nm max. 0.22 dB/km

Uncabled fiber: @ 1310 nm max. 0.32 dB/km
@ 1383 nm max. 0.32 dB/km
@ 1490 nm max. 0.21 dB/km
@ 1550 nm max. 0.18 dB/km
@ 1625 nm max. 0.20 dB/km

Macrobending, induced attenuation, uncabled fiber:

Radius 10 mm, 1 turn, @ 1550 nm ≤ 0.50 dB
Radius 10 mm, 1 turn, @ 1625 nm ≤ 1.50 dB
Radius 15 mm, 10 turns, @ 1550 nm . 0.05 dB
Radius 15 mm, 10 turns, @ 1625 nm ≤ 0.30 dB
Radius 25 mm, 100 turns, @ 1310, 1550 und 1625 nm ≤ 0.01 dB

Dispersion:

@ 1285 - 1330 nm ≤ 3.0 ps/(nm*km)
@ 1550 nm ≤ 18.0 ps/(nm*km)
@ 1625 nm ≤ 22.0 ps/(nm*km)

Polarization Mode Dispersion (PMD):

PMD Link Design Value ≤ 0.04 ps/√km
Maximum individual fiber PMD ≤ 0.1 ps/√km

Cut-off-Wavelength: ≤ 1260 nm

Effective group index of refraction:

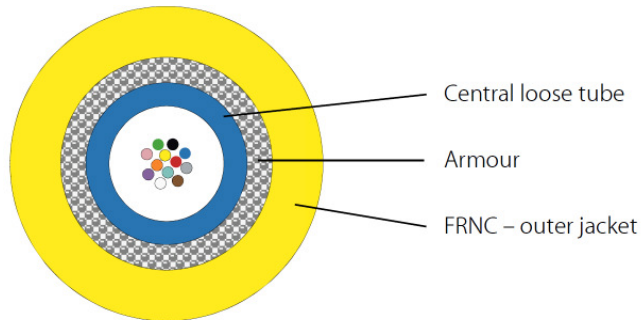
@ 1310 nm 1.4676
@ 1550 nm 1.4682

Backscatter attenuation @ 1ns pulse width:

@ 1310 nm -77 dB
@ 1550 nm -82 dB
@ 1625 nm -83 dB

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| Draft | Date | Approved | Date | Rev. | Engineering change number | Name | Date |
|-------------|----------|----------|----------|------|---------------------------|-------------|----------|
| H. Jungbäck | 12-04-15 | P. Maier | 12-04-15 | 001 | without | H. Jungbäck | 12-04-15 |



Standards

IEC 60794-2-20
EN 50575 : 2014 + A1 : 2016: No. of Declaration of Performance CDERF0000023 – V2

Structure

Cable core:

Jelly filled loose tube, outer diameter 3.5 mm with 2-12 optical fibres and outer diameter 4.0 mm with 14-24 optical fibres
 Tube colour: yellow (E9/125), green (G50/125), blue (G62.5/125)
 Fibre colours (1-12): red, green, blue, yellow, white, grey, brown, violet, turquoise, black, orange, pink
 (13-24): red, green, blue, yellow, white, grey, brown, violet, turquoise, transparent, orange, pink (with black ring-marking)

Armour

Multifunctional E-glass yarns as strain relief elements and non- metallic rodent protection

Outer jacket

Halogen-free and flame-retardant material with approx. 1.1 mm wall,
 Standard colours: Singlemode: yellow
 Multimode 50 µm: orange or green
 Multimode OM3: aqua (turquoise)
 Multimode OM4: violet
 Multimode 62,5 µm: orange

Marking see separate drawing

| Fibres max. | Outer diam. mm | Weight kg/km | Fire load MJ/m |
|-------------|----------------|--------------|----------------|
| 12 | 7.0 | 55 | 0.71 |
| 24 | 7.5 | 60 | 0.79 |

Mechanical characteristics

- Min. bending radius fixed (static) acc. IEC 60794-1-2 E11A
15 x outside diameter
- Min. bending radius during assembly (dynamic), with additional tensile strain acc. IEC 60794-1-2 E6
20 x outside diameter
- Max. tensile force acc. IEC 60794-1-2 E1, short term 1750 N
- Max. crush resistance acc. IEC 60794-1-2 E3, long term 1500 N/dm

Thermal characteristics

- Transport and storage - 25 °C to + 70 °C
- Installation - 5 °C to + 50 °C
- In use acc. IEC 60794-1-2 F1 - 20 °C to + 60 °C

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Fire performance

- Cable is flame-retardant acc. to IEC 60332-1-2 and IEC 60332-3-24 Cat.C
- Smoke density acc. to IEC 61034
- Halogen-free acc. to IEC 60754-1
- Acidity of the combustion gases acc. to IEC 60754-2
- Fire Class according EN 13501-6 D_{ca}/s2/d2/a1

Chemical characteristics

No resistance to oil, petrol, acid and leach

Application

Longitudinally waterproof fibre optic cable with non-metallic rodent protection
For fixed installation indoor and outdoor, in cable ducts, tubes and also suitable for interconnections
Mechanical installation by winch is permitted only when using force meters with recording function.
Not suitable for underground laying (direct buried)

Packaging

Disposable drums

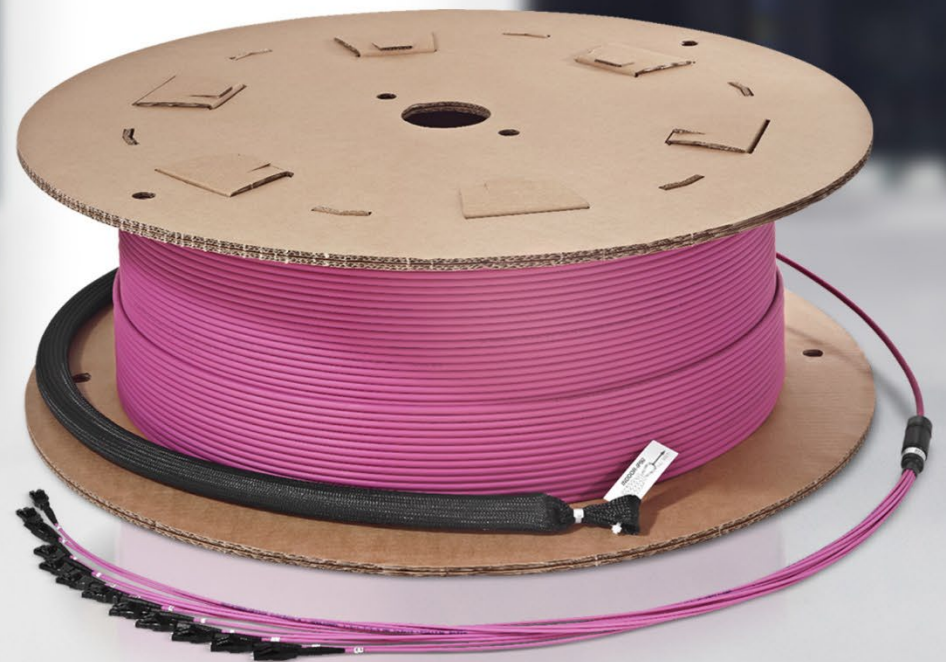
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| Draft | Date | Approved | Date | Rev. | Engineering change number | Name | Date |
|-------------|------------|-------------|------------|------|---------------------------|----------|------------|
| H. Jungbäck | 01.09.2005 | H. Jungbäck | 30.04.2013 | 004 | --- | P. Maier | 31.08.2017 |

PreCONNECT® STANDARD

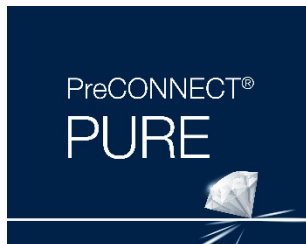
PRODUCT INFORMATION



PreCONNECT® STANDARD solution is available in two end face quality features: BASIC and PURE**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 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 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.

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*)

(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:

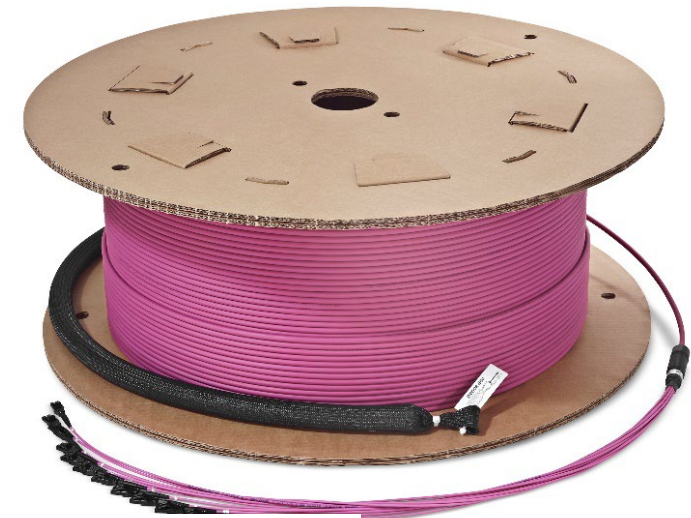
Infrastructure cabling within data centers, office buildings and campus

System consists of:

- Factory assembled FO loose tube cables, FRNC-LSZH indoor, universal and HDPE outdoor cables, up to 144 fibers
- With connector systems LC, MDC, SC and E-2000®

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



Your benefits at a glance:

- Most cost-effective solution for trunks larger 24 fibers and long lengths
- 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

Applications:

Infrastructure cabling of data centers, office buildings and campus.

- Universal to use FO cabling system up to 144 fibers per trunk
- Cost and attenuation optimized
- Focused on the useful and necessary

System description:

Our PreCONNECT® STANDARD cabling system consists of:

- Trunk called factory assembled FO loose tube cables up to 144 fibers, with „standard stepped“ connector legs
- therefore, explicitly developed 19” panel systems
- a large variety of patchcords and accessories
- and patch location racks

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 & play“ FO cabling system.

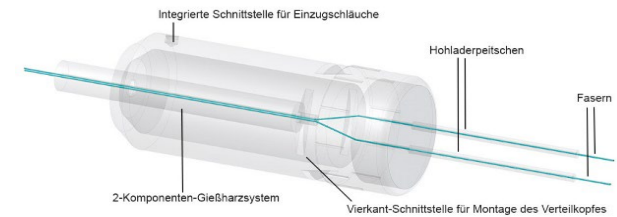
Properties:

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 are fitting for all PreCONNECT® panel systems.

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.

Installation protection: The connector legs and cable dividers are equipped with 600 N tensile strength, crush resistant, kink and torsion resistant, installation tubes. Alternatively indoor IP50 dust-proof or outdoor IP67 water-proof deliverable.

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



Properties:

Length definition:

- Order-length = length between the connectors of the longest legs at both sides, not between the PreCONNECT® cable dividers.
- Possible order-lengths: From 5 to 2000 meter

Length tolerances:

| Trunk length | Tolerance |
|---------------|-----------|
| <= 10m | +/- 50cm |
| > 10m <= 30m | +/- 100cm |
| > 30m <= 100m | +/- 150cm |
| > 100m | +/- 2% |

Operating temperature range: -10°C to +60°C

Delivery form:

- Dependent on the length as cable ring or on cardboard or wooden drum
- Insertion loss and return loss measured acc. to IEC 61300-3-4, method B, MM 850/1300nm and SM 1310/1550nm, with measurement protocol
- Product label with serial number at both sides

| Standard stepped “A“ and “E“ leg lengths and installation tube diameters of PreCONNECT® STANDARD trunks, all types of connectors except SC-Duplex ²⁾ Steps channel/fiber 1 to n: 1 = long, n = short | | | | | | | | | |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Number of channels/fibers | 4/8 | 6/12 | 8/16 | 12/24 | 18/36 | 24/48 | 36/72 | 48/96 | 72/144 |
| “A” leg lengths stepped from to [cm] ¹⁾ | 45 to 75 | 45 to 75 | 45 to 73 | 45 to 89 | 45 to 70 | 45 to 89 | 45 to 70 | 45 to 70 | 45 to 75 |
| “E” leg lengths stepped from to [cm] ¹⁾ | 77 to 107 | 77 to 107 | 77 to 105 | 77 to 121 | 77 to 102 | 77 to 121 | 77 to 102 | 77 to 102 | 77 to 107 |
| Outer diameter installation tube IP50 Indoor and IP67 Outdoor [mm] | 30 | 30 | 30 | 30 | 40 | 40 | 55 | 75 | 75 |

¹⁾ Production tolerance – 5 cm / ²⁾ Installation tube diameter of trunks with SC-Duplex on request

Properties:

Trunk cable types:

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

- Indoor cable I-B(ZN)BH, CPR class B2ca
- Universal cable U-DQ(ZN)BH, CPR class Dca or Cca dependent on stock
- Outdoor cable A-DQ(ZN)B2Y

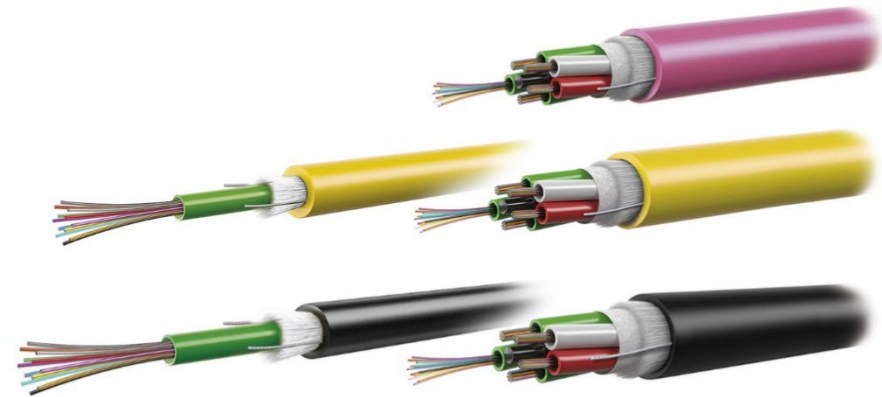
Cable data, see separate cable data sheets.

Fiber types:

With all common fiber types deliverable.

Bend-insensitive fibers by default.

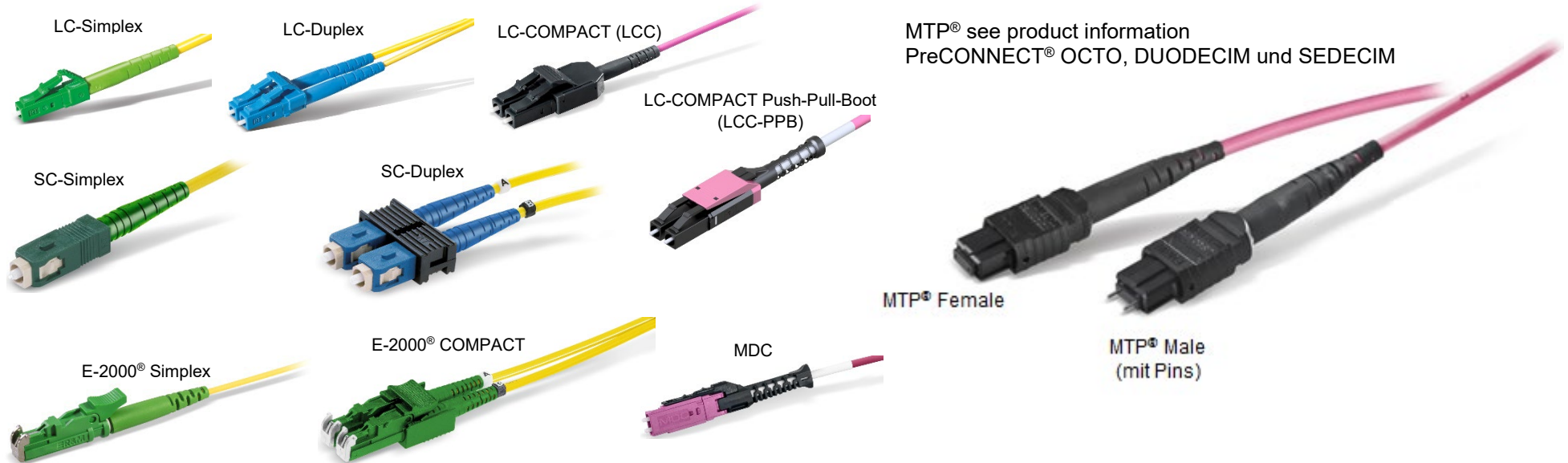
Fiber data, see separate fiber data sheets.



Connector types:

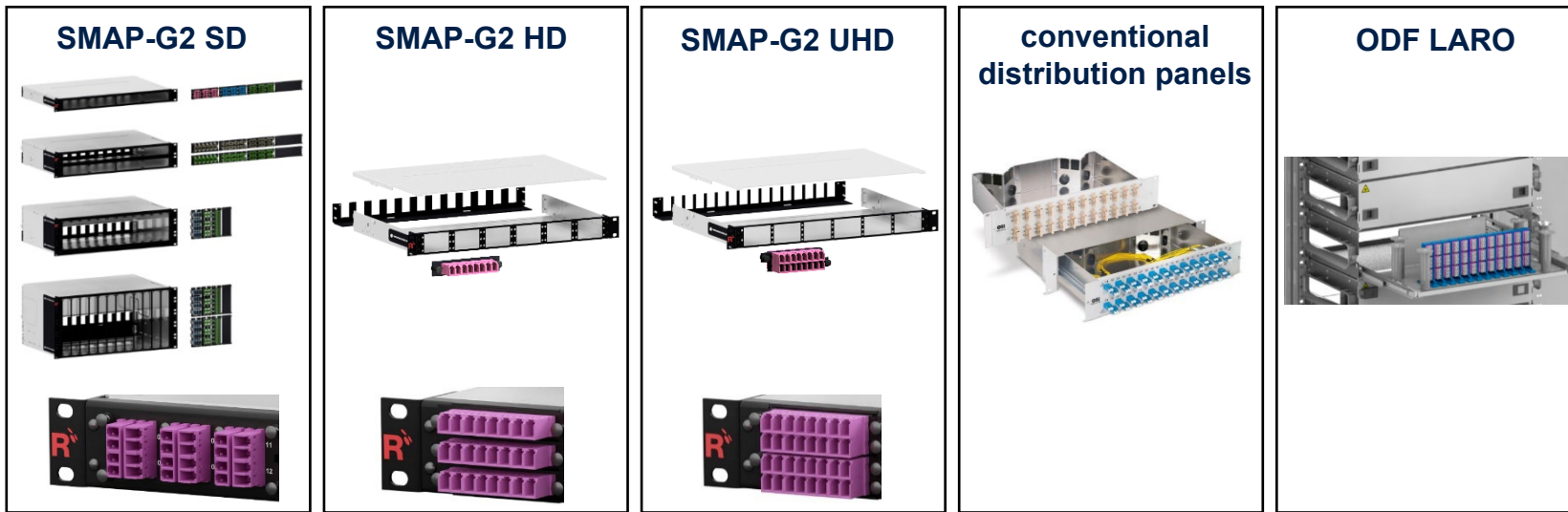
With all common connector types deliverable.

Connector data, see separate connector data sheets.



Application of PreCONNECT® STANDARD Trunks and Patchcords with LC-COMPACT (LCC) and LC-COMPACT Push-Pull-Boot (LCC-PPB) in our 19" panel systems and Trunk leg lengths:

| 19" panel systems | LC-Duplex port density per HU | Trunks with LCC | Trunks with LCC-PPB | Patchcords with LCC | Patchcords with LCC-PPB | Trunk leg lengths |
|-------------------|-------------------------------|-----------------|---------------------|---------------------|-------------------------|----------------------------------|
| SMAP-G2 SD | 48 | ✓ | ✗ | ✓ | ✗ | standard stepped "A length legs" |
| SMAP-G2 HD | 72 | ✓ | recommended | ✗ | ✓ required | |
| SMAP-G2 UHD | 96 | ✗ | ✓ required | ✗ | ✓ required | |
| Conventional | 24 | ✓ | ✗ | ✓ | ✗ | standard stepped "A length legs" |
| ODF LARO | 144 in 5 ETSI HU | ✓ | recommended | ✗ | ✓ required | extended stepped "E length legs" |



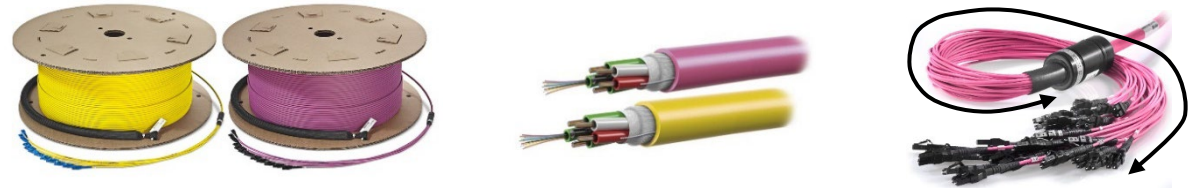
LC-COMPACT (LCC)



LC-COMPACT Push-Pull-Boot (LCC-PPB)



**PreCONNECT® STANDARD trunks
with indoor cable I-B(ZN)BH
CPR class B2ca:**

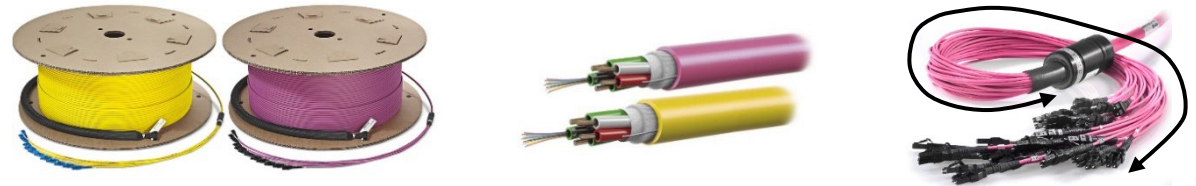


PreCONNECT® STANDARD Trunks with extended stepped „E length legs“ must be applied in ODF LARO panels.

| Part numbers | | | | | | | |
|---------------------|-----------------------------|---|----------------|-------------|--|----------------|-------------|
| Channels/ Fibers | Connectors on both sides | With standard stepped “A length legs” compatible to all our SMAP and conventional panels | | | With extended stepped “E length legs” compatible to ODF LARO panels | | |
| | | SM PC 0° | SM APC 8° | OM4 | SM PC 0° | SM APC 8° | OM4 |
| 6/12 | LCC | 024A0195G657A1 | 024A0143G657A1 | 024A0142OM4 | 024E0195G657A1 | 024E0143G657A1 | 024E0142OM4 |
| | LCC-PPB | 024A0225G657A1 | 024A0226G657A1 | 024A0227OM4 | 024E0225G657A1 | 024E0226G657A1 | 024E0227OM4 |
| | MDC | on request | on request | on request | on request | on request | on request |
| 8/16 | LCC | 024A01187G657A1 | on request | 024A0188OM4 | on request | on request | on request |
| | LCC-PPB | on request | on request | on request | on request | on request | on request |
| | MDC | 024A0260G657A1 | auf Anfrage | 024A0259OM4 | on request | on request | on request |
| 12/24 | LCC | 024A0175G657A1 | 024A0144G657A1 | 024A0127OM4 | 024E0175G657A1 | 024E0144G657A1 | 024E0127OM4 |
| | LCC-PPB | 024A0228G657A1 | 024A0229G657A1 | 024A0230OM4 | 024E0228G657A1 | 024E0229G657A1 | 024E0230OM4 |
| | MDC | 024A0244G657A1 | on request | 024A0261OM4 | on request | on request | on request |
| 16/32 | LCC | 024A0163G657A1 | on request | 024A0165OM4 | on request | on request | on request |
| | LCC-PPB | on request | on request | on request | on request | on request | on request |
| | MDC | 024A0262G657A1 | on request | 024A0263OM4 | on request | on request | on request |
| 18/36 | LCC | 024A0100G657A1 | on request | 024A0101OM4 | on request | on request | on request |
| | LCC-PPB | on request | on request | on request | on request | on request | on request |
| | MDC | on request | on request | on request | on request | on request | on request |
| 24/48 | LCC | 024A0102G657A1 | 024A0126G657A1 | 024A0103OM4 | 024E0102G657A1 | 024E0126G657A1 | 024E0103OM4 |
| | LCC-PPB | 024A0231G657A1 | 024A0232G657A1 | 024A0233OM4 | 024E0231G657A1 | 024E0232G657A1 | 024E0233OM4 |
| | MDC | 024A0246G657A1 | on request | 024A0247OM4 | on request | on request | on request |

Technical data of connectors, fibers and cables on request via the product profile of your selected trunks.

**PreCONNECT® STANDARD trunks
with indoor cable I-B(ZN)BH
CPR class B2ca:**

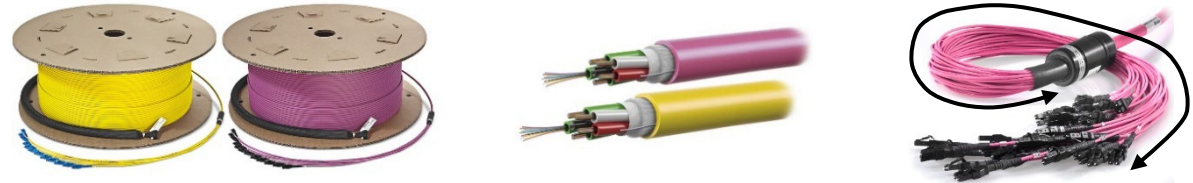


PreCONNECT® STANDARD Trunks with extended stepped „E length legs“ must be applied in ODF LARO panels.

| Part numbers | | | | | | | |
|---------------------|-----------------------------|---|----------------|-------------|--|----------------|-------------|
| Channels/ Fibers | Connectors on both sides | With standard stepped “A length legs” compatible to all our SMAP and conventional panels | | | With extended stepped “E length legs” compatible to ODF LARO panels | | |
| | | SM PC 0° | SM APC 8° | OM4 | SM PC 0° | SM APC 8° | OM4 |
| 32/64 | LCC | 024A0161G657A1 | on request | 024A0164OM4 | on request | on request | on request |
| | LCC-PPB | on request | on request | on request | on request | on request | on request |
| | MDC | 024A0256G657A1 | on request | 024A0248OM4 | on request | on request | on request |
| 36/72 | LCC | 024A0174G657A1 | 024A0176G657A1 | 024A0105OM4 | on request | on request | on request |
| | LCC-PPB | on request | on request | on request | on request | on request | on request |
| | MDC | on request | on request | on request | on request | on request | on request |
| 48/96 | LCC | 024A0106G657A1 | 024A0128G657A1 | 024A0107OM4 | 024E0106G657A1 | 024E0128G657A1 | 024E0107OM4 |
| | LCC-PPB | 024A0234G657A1 | 024A0235G657A1 | 024A0236OM4 | 024E0234G657A1 | 024E0235G657A1 | 024E0236OM4 |
| | MDC | on request | on request | on request | on request | on request | on request |
| 64/128 | LCC | 024A0183G657A1 | on request | 024A0162OM4 | on request | on request | on request |
| | LCC-PPB | on request | on request | on request | on request | on request | on request |
| | MDC | 024A0258G657A1 | on request | 024A0257OM4 | on request | on request | on request |
| 72/144 | LCC | 024A0108G657A1 | 024A0129G657A1 | 024A0109OM4 | 024E0108G657A1 | 024E0129G657A1 | 024E0109OM4 |
| | LCC-PPB | 024A0237G657A1 | 024A0238G657A1 | 024A0239OM4 | 024E0237G657A1 | 024E0238G657A1 | 024E0239OM4 |
| | MDC | on request | on request | on request | on request | on request | on request |

Technical data of connectors, fibers and cables on request via the product profile of your selected trunks.

**PreCONNECT® STANDARD trunks
with indoor cable I-B(ZN)BH
CPR class B2ca:**



PreCONNECT® STANDARD Trunks with extended stepped „E length legs“ must be applied in ODF LARO panels.

| Part numbers | | | | | | | |
|---------------------|-----------------------------|---|----------------|-------------|--|----------------|-------------|
| Channels/ Fibers | Connectors on both sides | With standard stepped “A length legs” compatible to all our SMAP and conventional panels | | | With extended stepped “E length legs” compatible to ODF LARO panels | | |
| | | SM PC 0° | SM APC 8° | OM4 | SM PC 0° | SM APC 8° | OM4 |
| 6/12 | SC-Duplex | on request | on request | on request | on request | on request | on request |
| | E-2000® Simplex | on request | on request | on request | on request | on request | on request |
| 12/24 | SC-Duplex | 024A0179G657A1 | on request | 024A0178OM4 | 024E0179G657A1 | on request | 024E0178OM4 |
| | E-2000® Simplex | on request | on request | on request | on request | on request | on request |
| 24/48 | SC-Duplex | 024A0147G657A1 | 024A0177G657A1 | 024A0169OM4 | 024E0147G657A1 | 024E0177G657A1 | 024E0169OM4 |
| | E-2000® Simplex | on request | 024A0149G657A1 | on request | on request | 024E0149G657A1 | on request |
| 48/96 | SC-Duplex | on request | on request | on request | on request | on request | on request |
| | E-2000® Simplex | on request | on request | on request | on request | on request | on request |
| 72/144 | SC-Duplex | on request | on request | on request | on request | on request | on request |
| | E-2000® Simplex | on request | on request | on request | on request | on request | on request |

Technical data of connectors, fibers and cables on request via the product profile of your selected trunks.

PreCONNECT® STANDARD trunks
with universal cable U-DQ(ZN)BH
CPR class Dca or Cca
dependent on stock:



PreCONNECT® STANDARD Trunks with extended stepped „E length legs“ must be applied in ODF LARO panels.

| Part numbers | | | | | | | |
|---------------------|-----------------------------|---|----------------|-------------|--|----------------|-------------|
| Channels/ Fibers | Connectors on both sides | With standard stepped “A length legs” compatible to all our SMAP and conventional panels | | | With extended stepped “E length legs” compatible to ODF LARO panels | | |
| | | SM PC 0° | SM APC 8° | OM4 | SM PC 0° | SM APC 8° | OM4 |
| 6/12 | LCC | 031A1800G657A1 | 031A1831G657A1 | 031A1810OM4 | 031E1800G657A1 | 031E1831G657A1 | 031E1810OM4 |
| | LCC-PPB | on request | on request | on request | on request | on request | on request |
| | SC-Duplex | 031A1504G657A1 | on request | 031A1604OM4 | 031E1504G657A1 | on request | 031E1604OM4 |
| | E-2000® Simplex | on request | 031A1013G657A1 | on request | on request | 031E1013G657A1 | on request |
| 12/24 | LCC | 031A1801G657A1 | 031A1808G657A1 | 031A1811OM4 | 031E1801G657A1 | 031E1808G657A1 | 031E1811OM4 |
| | LCC-PPB | on request | on request | on request | on request | on request | on request |
| | SC-Duplex | 031A1506G657A1 | on request | 031A1606OM4 | 031E1506G657A1 | on request | 031E1606OM4 |
| | E-2000® Simplex | on request | 031A1015G657A1 | on request | on request | 031E1015G657A1 | on request |
| 24/48 | LCC | 031A1803G657A1 | 031A1807G657A1 | 031A1813OM4 | 031E1803G657A1 | 031E1807G657A1 | 031E1813OM4 |
| | LCC-PPB | on request | on request | on request | on request | on request | on request |
| | SC-Duplex | 031A1508G657A1 | on request | 031A1608OM4 | 031E1508G657A1 | on request | 031E1608OM4 |
| | E-2000® Simplex | on request | 031A1016G657A1 | on request | on request | 031E1016G657A1 | on request |
| 48/96 | LCC | 031A1805G657A1 | on request | 031A1815OM4 | 031E1805G657A1 | on request | 031E1815OM4 |
| | LCC-PPB | on request | on request | on request | on request | on request | on request |
| | SC-Duplex | 031A1511G657A1 | on request | 031A1611OM4 | 031E1511G657A1 | on request | 031E1611OM4 |
| | E-2000® Simplex | on request | 031A1009G657A1 | on request | on request | 031E1009G657A1 | on request |
| 72/144 | LCC | 031A1806G657A1 | on request | 031A1816OM4 | 031E1806G657A1 | on request | 031E1816OM4 |
| | LCC-PPB | on request | on request | on request | on request | on request | on request |
| | SC-Duplex | 031A1510G657A1 | on request | 031A1610OM4 | 031E1510G657A1 | on request | 031E1610OM4 |
| | E-2000® Simplex | on request | 031A1018G657A1 | on request | on request | 031E1018G657A1 | on request |

Technical data of connectors, fibers and cables on request via the product profile of your selected trunks.

PreCONNECT® STANDARD trunks with outdoor cable A-DQ(ZN)B2Y:



PreCONNECT® STANDARD Trunks with extended stepped „E length legs“ must be applied in ODF LARO panels.

| Part numbers | | | | | | | |
|---------------------|--------------------------|--|----------------|-------------|---|----------------|-------------|
| Channels/ Fibers | Connectors on both sides | With standard stepped “A length legs” compatible to all our SMAP and conventional panels | | | With extended stepped “E length legs” compatible to ODF LARO panels | | |
| | | SM PC 0° | SM APC 8° | OM4 | SM PC 0° | SM APC 8° | OM4 |
| 6/12 | LCC | 010A2079G657A1 | on request | 010A2080OM4 | 010E2079G657A1 | on request | 010E2080OM4 |
| | LCC-PPB | on request | on request | on request | on request | on request | on request |
| | SC-Duplex | 010A1504G657A1 | on request | 010A1604OM4 | 010E1504G657A1 | on request | 010E1604OM4 |
| | E-2000® Simplex | on request | 010A1013G657A1 | on request | on request | 010E1013G657A1 | on request |
| 12/24 | LCC | 010A2077G657A1 | on request | 010A2078OM4 | 010E2077G657A1 | on request | 010E2078OM4 |
| | LCC-PPB | on request | on request | on request | on request | on request | on request |
| | SC-Duplex | 010A1506G657A1 | on request | 010A1606OM4 | 010E1506G657A1 | on request | 010E1606OM4 |
| | E-2000® Simplex | on request | 010A1015G657A1 | on request | on request | 010E1015G657A1 | on request |
| 24/48 | LCC | 010A1801G657A1 | on request | 010A1813OM4 | 010E1801G657A1 | on request | 010E1813OM4 |
| | LCC-PPB | on request | on request | on request | on request | on request | on request |
| | SC-Duplex | 010A1508G657A1 | on request | 010A1608OM4 | 010E1508G657A1 | on request | 010E1608OM4 |
| | E-2000® Simplex | on request | 010A1016G657A1 | on request | on request | 010E1016G657A1 | on request |
| 48/96 | LCC | 010A2075G657A1 | on request | 010A2076OM4 | 010E2075G657A1 | on request | 010E2076OM4 |
| | LCC-PPB | on request | on request | on request | on request | on request | on request |
| | SC-Duplex | 010A1511G657A1 | on request | on request | 010E1511G657A1 | on request | on request |
| | E-2000® Simplex | on request | 010A1009G657A1 | on request | on request | 010E1009G657A1 | on request |
| 72/144 | LCC | 010A1806G657A1 | on request | 010A1816OM4 | 010E1806G657A1 | on request | 010E1816OM4 |
| | LCC-PPB | on request | on request | on request | on request | on request | on request |
| | SC-Duplex | 010A1510G657A1 | on request | on request | 010E1510G657A1 | on request | on request |
| | E-2000® Simplex | on request | 010A1018G657A1 | on request | on request | 010E1018G657A1 | on request |

Technical data of connectors, fibers and cables on request via the product profile of your selected trunks.

About Rosenberger OSI:

Since 1991, Rosenberger Optical Solutions & Infrastructure (Rosenberger OSI) has been a recognized expert for fiber-based connectivity, cabling solutions and infrastructure services in the areas of data centers, local area networks, mobile networks and industrial applications. As an integrated solution provider, we have high expertise in the development and operational excellence in the production of system solutions for communication networks. Our comprehensive services enable the secure and efficient operation of digital infrastructures. This combination, combined with our strong customer focus, makes us unique and a strong partner in the global market.

Rosenberger OSI has been part of the globally operating Rosenberger Group since 1998. The Rosenberger Group is a leading global provider of high-frequency, high-voltage and fiber optic connectivity solutions with headquarters in Germany. For further information, please visit:

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