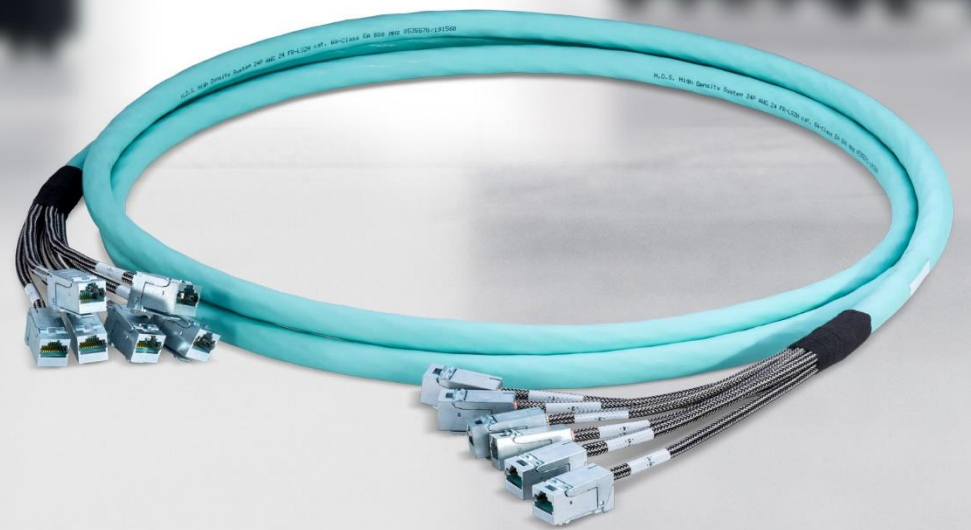


PreCONNECT[®] COPPER ToR – Generation 2

PRODUCT INFORMATION



PreCONNECT® COPPER ToR – Generation 2 is the re-design of our factory assembled copper data cable trunks optimized for „top-of-the-rack“ „plug-and-play“ installations in data centers

PreCONNECT® COPPER ToR G2 Trunks are the consistent further development of our successful PreCONNECT® COPPER Standard Trunks, fulfilling the requirement to have thin and flexible cables for „top-of-the-rack“ cabling.

Particular suitability for „top-of-the-rack“ through the use of innovative thin, flexible Cat.7 copper data cables with 24 foil-screened AWG24/1 solid wire pairs below an overall copper braid, with a FRNC-LSZH cable jacket.

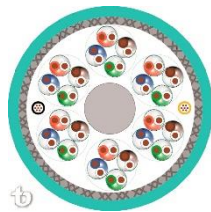
The thin and flexible cables are offering their advantages at raised-floor installations too, their much lower volume interferes the flow of the cooling-air less and they do not fill the cable-trays and the raised-floor that much.

By laying the cables within equipment racks, the cables can be routed in a manner to not interfere the flow of the cooling-air at the equipment cooling-fan’s inlet and outlet sides, because of its higher flexibility (smallest allowed installed bending radius = 66 mm) and its thin diameter. So the cable itself helps your equipment cooling optimization.

Last but not least the fire load of the cable of our PreCONNECT® COPPER ToR G2 Trunks is much lower than of our PreCONNECT® COPPER Standard Trunks.

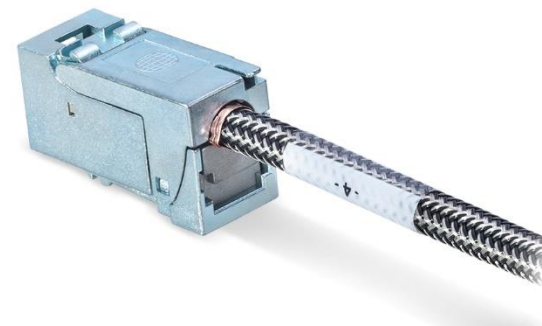


Cable:



6-channel S/FTP Cat.7 Six 4x2xAWG24/1 solid wire foil-screened pairs, below overall copper braid, FRNC-LSZH cable jacket, color aqua, diameter = 16.4 mm. Other wire diameters on request.

Both sides factory assembled with each six RJ45 Keystone jack modules Cat.6_A fanout legs protected with overall copper braids.



GHMT TA certificate no.:z4785a-xx-E

PreCONNECT® COPPER ToR – Generation 2

The shielded **RJ45 Keystone jack module** is **Cat.6A ISO/IEC** compliant.

The PreCONNECT® COPPER ToR G2 Trunks are fulfilling the specifications of **permanent-link 10GBE class E_A**, but only **up to 60m** instead of the standardized 90m. Deliverable with other wire diameters for longer link lengths on request.

The legs of the RJ45 jack modules are protected with overall copper braids, to guarantee the shielding and grounding of the entire trunk.

The leg-lengths of the RJ45 Keystone jack modules are matched to the PreCONNECT® COPPER ToR G2 19" Panel as shown below.

We deliver PreCONNECT® COPPER ToR G2 in our well known factory assembled high PreCONNECT® quality and „plug-and-play“ functionality and 100% factory measured of course. You merely must lay the cable, detach the pulling-eyes and snap in the RJ45 Keystone jack modules into the 19" Panels.

Delivery form:

As cable ring in cardboard-box with measurement protocol

Partnumbers:

(XXX = length in meter, e.g. -035 = 35 m)

PreCONNECT® COPPER ToR G2 Trunk AWG24/1 047A0350-XXX



PreCONNECT® COPPER 19“ Panels:**0.5 HU fits for 24 Keystone Jacks:**

Two pcs. of this Panel above e.o. add up to 48 RJ45 Ports per HU

Material: stainless steel

Depth: 100mm

Part number: 800A0220

**1 HU fits for 24 Keystone Jacks:**

Material: Steel, powder-coated

Depth: 150mm

Part numbers:

RAL 7035 light gray: 800A0213

RAL 9005 black: 800A0214

**1 HU fits for 24 Keystone Jacks, 30° cable routing:**

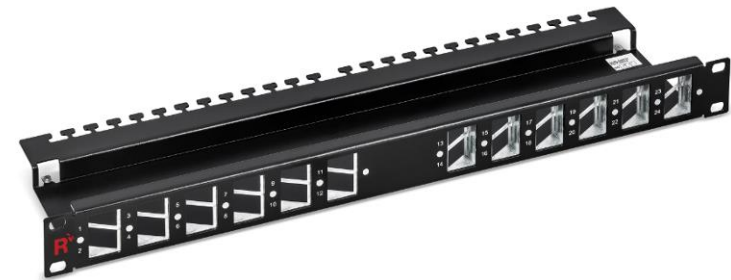
Material: Steel, powder-coated

Depth: 120mm

Part numbers:

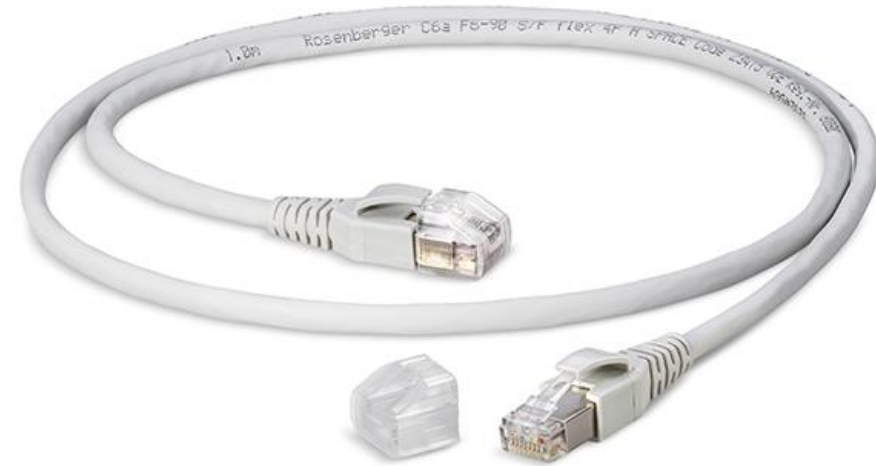
RAL 7035 light grey: 800A0219

RAL 9005 black: 800A0218



RJ45 Cat. 6A Patchcords:

Cat. 6A ISO/IEC, 1:1 coding
 Shielded RJ45 connectors with 2 component boot with latch protection and protective cap on both sides.
 Cable type: Cat.7, S/FTP, flex, 4 foil-screened AWG27/7 pairs, up to 900 MHz, FRNC-LSZH
 Color: grey
 Other lengths, colors and types on request
 GHMT PVP certificate no.: z4826a-xx-E



Length	Partnumber
1 Meter	820A1019M-1
2 Meter	820A1019M-2
3 Meter	820A1019M-3
5 Meter	820A1019M-5
10 Meter	820A1019M-10

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 Datacom, 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 employs about 600 people in Europe and 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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