Modules for copper and fiber-optic cabling

DCCS C6$_A$ MTC6

130DCM6-E

DCCS C6$_A$ PL26

130DCL1xxxE

DCCS C6$_A$ PL23

130DCL2xxxE

DCCS OM3 6LC-D

130DF5720xxxE

DCCS OS2 6LC-D

130DF9710xxxE

DCCS BGT 19" 1HE

130DB1B-E

DCCS OM3 12LC-D/2MTP

130DFM51-E

DCCS OS2 12LC-D/2MTP

130DFM91-E

P | Cabling

DCCS

Data Center Compact Solution

**The compact solution
for data centers –
of course with Cat.6$_A$**

METZ CONNECT

We realize ideas

QUALITÄTSMANAGEMENTSYSTEM

DQS-zertifiziert nach
DIN EN ISO 9001   Reg.-Nr. 157443

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MC TECHNOLOGY

Compact solution for performance upgrades

Data centers are the heart of any network – regardless of the tasks it is intended to perform. The requirements for performance and capacity are rapidly increasing. In the process a network connects very different areas and the kind of data processed ranges from simple text documents to complex design drawings and from production control to building management.
The huge data quantities which have to be processed and archived quickly push today's networks to their limits and make expansions unavoidable. Then compact, inexpensive, fast solutions are required in order to optimally use the existing space and keep downtimes to a minimum.
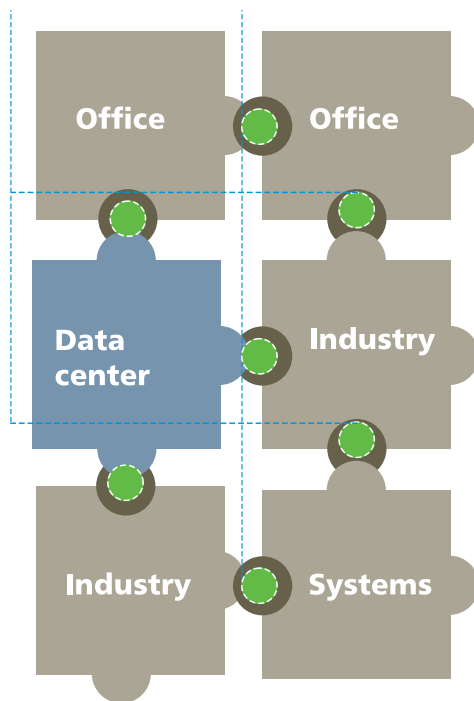
The new DCCS (Data Center Compact Solution) product line was developed especially for data centers and their needs. It offers prefabricated copper line sections with 6x RJ45 modules, prefabricated fiber-optic sections with 6 LC-D couplings and modules with MTP/MPO technology. 48 RJ45 ports or 48 LC-D ports and combinations of RJ45 and LC-D can be mounted on just one vertical module.

re-embedded
Cat.6$_A$

High-performance wiring on all levels

Cabling for all services between all levels

Continuous communication across all company areas without interfaces and communication losses

Office   Office

Data center   Industry

Industry   Systems

- Extremely high packing density
- Low installation effort and costs thanks to prefabricated 6xRJ45 or fiber-optic LC-D sections
- Plug & Play solution
- Installation errors are impossible, as cables are prefabricated and measured
- No overfilled cable trays, resulting in a clearer layout and a reduced risk of heat accumulations
- Minimal danger of fire through use of DCCS installation cables

Advantages at a glance

RJ45 features

- Class E$_A$ permanent link consisting of 2 modules with 6 port RJ45 jacks mounted on a 24-pair AWG26/1 or AWG23/1 installation cable
- Cat.6$_A$ component test in accordance with ISO/IEC 11801 Ed.2.2 (FPDAM), TIA/EIA-568-C.2 (2009-08) and IEC 60603-7-51 Ed.1 (12/2008), GHMT-certified
- Compliance with Class E$_A$ up to 500 MHz in accordance with ISO/IEC 11801 Ed.2.2 (FPDAM), GHMT-certified
- For 10 Gbit Ethernet (IEEE 802.3an)
- Suitable for Power over Ethernet (PoE and PoE plus)
- Prefabricated customer-specific lengths available
- Solid module housing, refined
- Shield tap for installation cable separate from strain relief
- Cable diameters under 14 mm for AWG26/1 and under 19 mm for AWG23/1
- Delivery with serial number and 6 Permanent Link measuring reports
- Installation shape: DCCS
- Cable connection via LSA insulation-displacement connectors on DCCS C6A MTC6 for 6 individual S/FTP 4P cables

Fiber-optic cable features

Prefabricated sections
- Prefabricated MM (OM3) or SM (OS2) fiber-optic link consisting of 2 modules with 6 LC-D mounted on a 12-fiber mini-breakout cable
- For 10 Gbit Ethernet (IEEE 802.3an)
- Prefabricated customer-specific lengths available
- Solid module housing, refined
- Cable diameters under 7 mm
- Delivery with serial number and 12 attenuation measuring reports
- Installation shape: DCCS

MTP/MPO technology
- Module with 12 x LC-D MM or SM on front and 2 x MTP/MPO on back
- Equipped with MM (OM3) or SM (OS2) fanout, assignment 1 : 1
- Solid module housing, refined
- Delivery with serial number and measuring reports
- Installation shape: double DCCS
- Prefabricated MTP/MPO sections