

P | Cabling

DCCS2 **Data Center Compact Solution Edition 2**

The greatly improved compact solution for data centers –
naturally with copper Cat.6A and optical fiber

re-embedded
Cat.6A



Members of METZ CONNECT



The compact solution for performance upgrades

Data centers constitute the central element of any network, irrespective of that network's intended tasks.

Requirements are rising rapidly in terms of performance and capacity. A network links up very diverse areas and the type of data processed ranges from simple text documents to complex design drawings, from production control to building management.

The gigantic volumes of data that need to be processed and stored rapidly take modern networks right up to their performance limits and make further expansion an essential requirement. This in turn creates the need for compact, relatively inexpensive, high-speed and, above all, user-friendly solutions, capable of making optimum use of existing space and of cutting downtime periods to a minimum.

The new, improved product range DCCS2 (Data Center Compact Solution Edition 2) was specifically developed for data centers and their needs, and has been adapted substantially to meet customer requirements in this area.

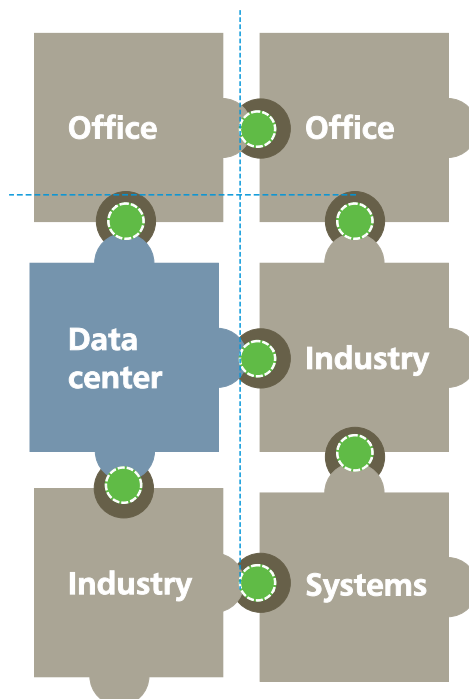
The scope of delivery was also extended to include solution-oriented products. The new DCCS2 range of products offers pre-configured copper cables with 6-port RJ45 modules, pre-configured fiber-optic cables with 6-port LC-D modules, 6-port E2000DC modules, pre-configured fiber-optic-EVZ cables with one-sided 6-port LC-D modules, 6-port E2000DC modules and 12-port LC-D modules with MPO technology. On just one height of unit, 48 RJ45 ports or 48 LC-D and/or 48 E2000DC ports, as well as combinations of RJ45 and fiber-optic cables can be located.



Your powerful wiring across all levels

Service-neutral
wiring between
all levels

Seamless
communication through
all company divisions
without interfaces or
communication losses



- Very high packaging density
- Vastly improved handling especially in respect of patches and port numbering
- Low installation effort and cost with preconfigured RJ45 cables or fiber-optic cables
- Plug & Play solution
- Installation defects not possible because preconfigured and measured
- No overfilled cableways meaning better transparency and less risk of heat buildups
- Low risk of fire through the use of DCCS installation cables

Your advantages at a glance

Performance features of 19" DCCS2 module rack

- Vastly improved handling, especially in respect of patches in the RJ45 and fiber-optic area
- Mounting of fiber-optic modules without breaking away the port numberings
- Assembly/disassembly of modules possible with 19" module rack is installed
- Reverse-compatible with DCCS modules. With just a few simple moves, DCCS modules can be integrated in the DCCS2 module rack

RJ45 performance features

- Class E_A Permanent Link comprising two 6-port RJ45 modules mounted on a 24-paired AWG26/1 or AWG23/1 installation cable
- Cat.6_A component test according to ISO/IEC 11801 Ed.2.2:2011-06, 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 according to ISO/IEC 11801 Ed.2.2:2011-06, GHMT-certified
- Suitable for ultra short links (of less than 5 meters)
- For 10 GBit Ethernet (IEEE 802.3an)
- Suitable for Power over Ethernet (PoE, PoE plus and UPoE)
- Pre-configured, customer-specific lengths available with short delivery lead times
- Solid module housing, refined
- Shield tap for installation cable separate from strain relief
- Cable diameter of less than 14 mm on AWG26/1 and of less than 19 mm AWG23/1
- Delivery with serial number and 6 permanent link measuring protocols
- Cable connection to DCCS2 C6_A via LSA clip terminals MTC6 for 6 individual S/FTP 4P cables
- Cable connection via LSA insulation displacement connectors on the DCCS2 C6_A MTC1 for a Multipair S/FTP 24P cable
- All detent levers at top, installation shape: DCCS2

Fiber-optic cable performance features

Preconfigured cables

- Preconfigured MM (OM3/OM4) or SM and SM APC (OS2) fiber-optic link comprising two 6 LC-D or 6 E2000DC modules mounted on a 12-fiber mini-breakout cable
- Preconfigured MM (OM3/OM4) or SM and SM APC (OS2) fiber-optic link comprising a one-sided 6 LC-D or 6 E2000DC module mounted on a 12-fiber mini-breakout cable, other connectors in locating aid IP50
- Suitable for ultra short links (less than 5 meters)
- For 10 GBit Ethernet (IEEE 802.3an)
- Preconfigured customer-specific lengths available with short delivery lead times
- Solid module housing, refined
- Cable diameter approx. 6.5 mm
- Delivery with serial number and 12 attenuation measuring protocols
- All detent levers on top, installation shape: DCCS2

MPO technology

- Module with front-mounted 6 x LC-D MM or SM and 1 x MPO on reverse side
- Equipped with MM (OM3/OM4) or SM (OS2) Fanout, assignment 1:1
- Solid module housing, refined
- Delivery with serial number and measuring reports
- Installation shape: doubled DCCS2
- Preconfigured MPO cables



Your modules for copper and fiber-optic wiring

DCCS2 C6_A MTC6

130D2CM6-E



DCCS2 C6_A MTC1

130D2CM1-E



DCCS2 PL AWGxx

130D2CL1xxxE, AWG26

130D2CL2xxxE, AWG23



DCCS2 components 6xLC-D

130D2FBA1-E, APC OS2

130D2FB91-E, OS2

130D2FB71-E, OM4

130D2FB51-E, OM3



DCCS2 6LC-D Link

130D2F976xxxxE, APC OS2

130D2F971xxxxE, OS2

130D2F772xxxxE, OM4

130D2F572xxxxE, OM3



DCCS2 6LC-D EVZ-Link

130D2F976xxxxZ, APC OS2

130D2F971xxxxZ, OS2

130D2F772xxxxZ, OM4

130D2F572xxxxZ, OM3



DCCS2 6E2000DC H+S-Link

130D2F95CxxxxE, APC OS2

130D2F95BxxxxE, OS2

130D2F75AxxxxE, OM4

130D2F55AxxxxE, OM3



DCCS BGT 19" 1HE

130D2B1B-E, black

130D2B1G-E, gray



DCCS / DCCS2 dummy cover

130DBL1-E



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