

P | Cabling

Data sheet DCCS2 C6_A PL26

Page 1/6

P/N
130D2CL1XXXE

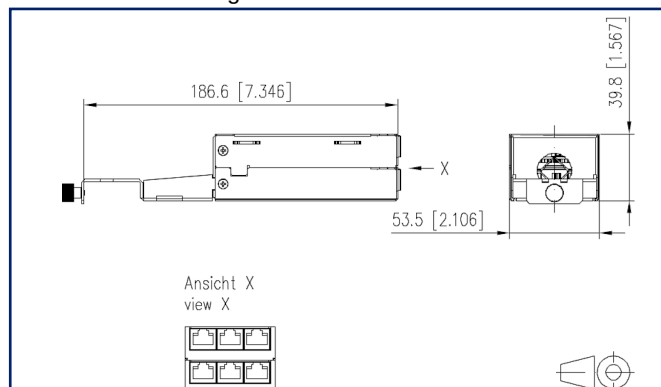
2023/04/28

Version: AC

Illustrations



Dimensional drawing



See enlarged drawings at the end of document

Product specification

- DCCS2 class E_A Permanent Link consisting of two 6-port RJ45 subassemblies connected to a 24-pair installation cable AWG26/1
- Cat.6_A component test according to ISO/IEC 11801, DIN EN 50173-1, ANSI/TIA-568.2-D and IEC 60603-7-51, GHMT certified
- compliance with class E_A up to 500 MHz according to ISO/IEC 11801, DIN EN 50173-1, GHMT certified
- tested: components up to 600 MHz, link up to 800 MHz
- suitable for 10 GBit Ethernet (IEEE 802.3an), Remote Powering (PoE, PoE plus and UPoE) and HDBaseT with reduced temperature range
- Alien Next optimized, shielded jacks
- the locking levers of patch cords connected to DCCS2 subassemblies show upwards and are easy to handle at any time
- solid and refined assembly housing
- shield tap for installation cable separate from strain relief
- cable diameter less than 14 mm
- short links with less than 5 m are also available
- delivery with serial number and 6 Permanent Link measurement reports
- mounting version: DCCS2
- available in prefabricated, customer specific lengths - replace the xxx in the part number by the length - examples: 050 = 5.0 m; 100 = 10.0 m; 200 = 20.0 m; 500 = 50.0 m
- maximum length 50 m



P | Cabling

Data sheet DCCS2 C6_A PL26

Page 2/6

P/N
130D2CL1XXXE

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Technical Data

General Data

Fields of application	data center
Design	subassembly / assembly / module / unit
Mounting style	DCCS
Shielding	shielded
Transmission technology	Copper
Cable Type	S/FTP
Number of twisting elements	24
Twisting element	Pair
Wiring	T568A
Color	metallike
Dimensions	
Dimension (L x W x H)	186.6 mm x 53.5 mm x 39.8 mm
Dimension (L x W x H)	7.346 in. x 2.106 in. x 1.567 in.
Maximum length	50 m
Maximum length	164.04 ft

Transmission characteristics

Category (ISO)	6 _A
Class (ISO/IEC)	E _A
Remote Powering	yes
PoE	IEEE 802.3af
PoE plus	IEEE 802.3at
UPoE	yes
HDBaseT	yes
Transmission rate up to 1 GBit (Fast Ethernet)	IEEE 802.3ab

Connections/interfaces

Connector technology interface 1	LSA terminal block
Connector technology interface 2	RJ45-jack
Number of ports interface 2	6
Number of ports interface 2 equipped	6
Number of positions/contacts interface 2	8P/8C



P | Cabling

Data sheet

DCCS2 C6_A PL26

Page 3/6

P/N
130D2CL1XXE

2023/04/28

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Connections/interfaces

Termination data, solid wire (min. - max.)

Conductor cross section, solid wire AWG 26/1 - AWG 22/1

Conductor cross section, solid wire 0.128 mm² - 0.324 mm²

Conductor diameter, solid wire (bare copper) 0.409 mm - 0.643 mm

Conductor diameter, solid wire (bare copper) 0.016 in. - 0.025 in.

Core diameter (min. - max.)

Core diameter (conductor with insulation) 0.4 mm - 0.63 mm

Core diameter (conductor with insulation) 0.016 in. - 0.025 in.

Cable sheath diameter (min. - max.)

Cable sheath diameter 13.2

Cable sheath diameter 0.52

Mechanical data

strain relief cable tie

Bending radius without load 55 mm

Bending radius without load 2.165 in.

Bending radius with load 110 mm

Bending radius with load 4.331 in.

Materials and material properties

Material - Assembly housing sheet steel

Material - Assembly housing finish Zn (zinc)

Flame retardancy yes

Halogen free yes

RoHS compliant

Standards/Regulations

Generic cabling systems

General requirements ANSI/TIA-568-C.2

Test for vertical flame propagation for a single insulated wire or cable IEC 60332-3-24



P | Cabling

Data sheet
DCCS2 C6_A PL26

Page 4/6

P/N
130D2CL1XXE

2023/04/28

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Technical Data

Classifications

ETIM 7.0	EC002697
ETIM 8.0	EC002697

Packing details

Type of packaging	1 pc(s) / Ring or drum
Packaging dimension	0 mm x 0 mm x 0 mm



P | Cabling

Data sheet

DCCS2 C6_A PL26

Page 5/6

P/N
130D2CL1XXE

2023/04/28

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Accessories

P/N	Designation
130D2B1B-E	DCCS2 BGT 19 inch 1RU subrack black
130D2B1G-E	DCCS2 BGT 19 inch 1RU subrack light gray



P | Cabling

Data sheet
DCCS2 C6_A PL26

Page 6/6

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