

Data sheet

DCCS link OS2 6xLC-D APC/6xLC-D APC

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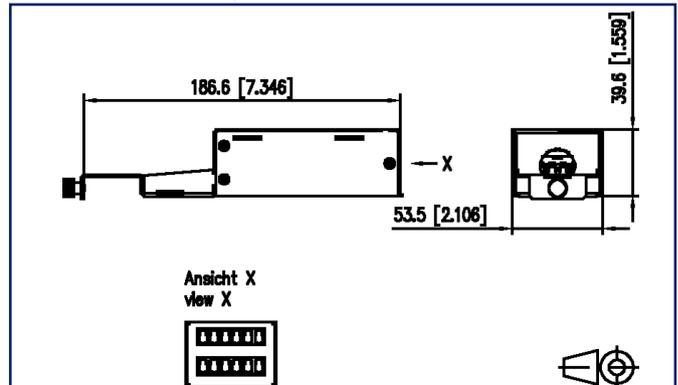
P/N
130D2F9KKBXXE

2025/06/11
Version: C

Illustrations



Dimensional drawing



See enlarged drawings at the end of document

Product specification

- DCCS link consisting of a pre-assembled cable with DCCS housings connected at both ends.
- housing at the front with six LC duplex adapters each
- mini breakout cable with 12 fixed fibers, cable diameter 6.9 mm
- assignment/polarity: crossed (standard) or uncrossed
- easy front patching with duplex cables
- easy mounting/dismounting in DCCS subrack (19 inch, 1 U)
- delivery with serial number and measurement protocol
- housing: galvanized sheet steel, stainless steel front, strain relief via cable gland
- customer specific cable length between 2 and 999 m
- variants: blue (SM), green (SM APC), lime green (OM5), violet (OM4), aqua (OM3)
- all available variants can be created with the configurator



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Technical Data

General Data

Fields of application	data center
Mechanical measurement according to MICE	M1
Ingress measurement according to MICE	I1
Climatic measurement according to MICE	C1
Electromagnetic measurement according to MICE	E3
Design	subassembly / assembly / module / unit
Mounting style	DCCS
Transmission technology	Fiber optic
Wiring	crossed
Port numbering	yes
Color	green
Dimensions	
Dimension (L x W x H)	186.6 mm x 53.5 mm x 39.6 mm
Dimension (L x W x H)	7.346 in. x 2.106 in. x 1.559 in.
Mode type of the fiber	Singlemode
Fiber class	OS2 (IEC 60793-2-50 B6_a, B6_b & ITU-T G.657.A2, G.657.B2, G.652.D)
Cable Type	Mini breakout
Number of cables/ buffered fibers	1
Number of fibres each cable/ wire	12
Shape	APC (Angled Physical Contact)
Fiber construction	9/125 µm
Maximum length	500 m
Maximum length	1640.4 ft

Transmission characteristics

Transmission rate up to 10 GBit	IEEE 802.3an
Reach	
Range 10GBASE L	25 km
Range 10GBASE LX4	10 km
Range 10GBASE EW/ER	40 km
Range 40GBASE LR4	10 km
Range 40GBASE SR4	40 km

Technical Data

Connections/interfaces

Connector technology interface 1	LC-D APC
Connector technology interface 2	LC-D APC
Number of ports interface 1	6
Number of ports interface 2	6
Number of equipped ports interface 1	6
Number of ports interface 2 equipped	6
Number of ports with dust protection interface 1	6
Number of ports with dust protection interface 2	6
Cable sheath diameter (min. - max.)	
Cable sheath diameter	6.5
Cable sheath diameter	0.256

Mechanical data

Connector type	duplex
strain relief	yes
Maximum installation load	50 mm
Maximum installation load	1.969 in.
Maximum operating bending radius	100 mm
Maximum operating bending radius	3.937 in.

Materials and material properties

Material - Coupler housing	Plastics
Material - Housing	sheet steel
Material - Housing finish	Zn (zinc)
Material - Sleeve	ceramic, slotted
Bend insensitivity	yes
Halogen free	yes
RoHS	compliant

Standards/Regulations

Generic cabling systems	
General requirements	ISO/IEC 11801 DIN EN 50173

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Optical fibers: Indoor optical cables

Sectional specification for class B single-mode fibres ISO/IEC 60793-2-50 type B.1.3 & B6_b

Tests on electric and optical fibre cables under fire conditions

Test for vertical flame propagation for a single insulated wire or cable IEC 60332-1-2

Test for vertical flame propagation for a single insulated wire or cable ISO/IEC 60332-1-2

Test for vertical flame spread of vertically-mounted bunched wires or cables ISO/IEC 60332-3-24

Measurement of smoke density of cables burning ISO/IEC 61034-2

Packing details

Type of packaging 1 pc(s) / Ring or drum

Application note

This product is a standard product of METZ CONNECT. METZ CONNECT is not aware of the specific intended use of the goods by the Customer or any customers of the Customer. The Customer guarantees that it has fully and sufficiently tested the use of the goods and any product modifications, product changes or product enhancements with regard to the specific intended use in accordance with the state of the art or in any other way. At METZ CONNECT's request, the Customer shall submit and make available meaningful evidence (e.g. test and laboratory protocols, certifications, etc.).



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DCCS link OS2 6xLC-D APC/6xLC-D APCP/N
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Version: C**Accessories**

P/N	Designation
130D2B1B-E	DCCS2 BGT 19 inch 1RU subrack black
130D2B1G-E	DCCS2 BGT 19 inch 1RU subrack light gray
130D2B2B-E	DCCS2 BGT 19 inch 1RU subrack black
130D2B2G-E	DCCS2 BGT 19 inch 1RU subrack light gray



Illustrations

Dimensional drawing

