METZ CONNECT
We realize ideas

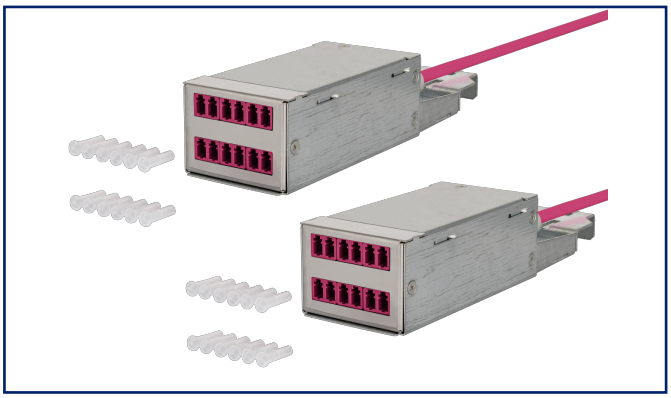
Data sheet

DCCS link OM4 6xLC-D/6xLC-D

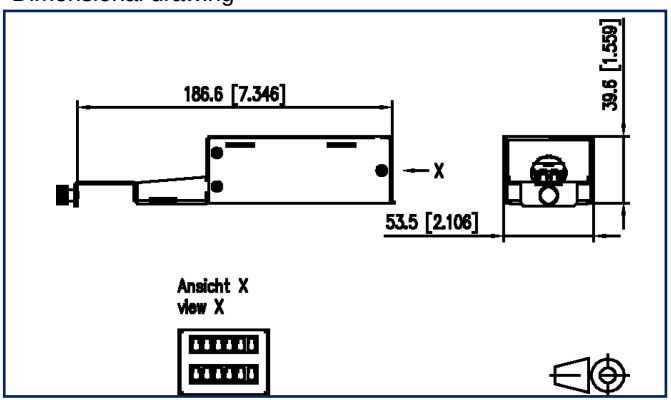
P/N
130D2F7JJBXXXE

2023/06/16
Version: A

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	violet
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	Multimode
Fiber class	OM4 (ISO/IEC 11801/EN 50173 & IEC 60793-2-10/EN 60793-2-10 A1.a.3)
Cable Type	Mini breakout
Number of cables/ buffered fibers	1
Number of fibres each cable/ wire	12
Shape	PC (Physical Contact)
Fiber construction	50/125 µm
Maximum length	500 m
Maximum length	1640.4 ft

Transmission characteristics	
Transmission rate up to 10 GBit	IEEE 802.3an
Reach	
Range 10GBASE SR	400 m

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Technical Data

Connections/interfaces	
Connector technology interface 1	LC-D
Connector technology interface 2	LC-D
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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Standards/Regulations

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

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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

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