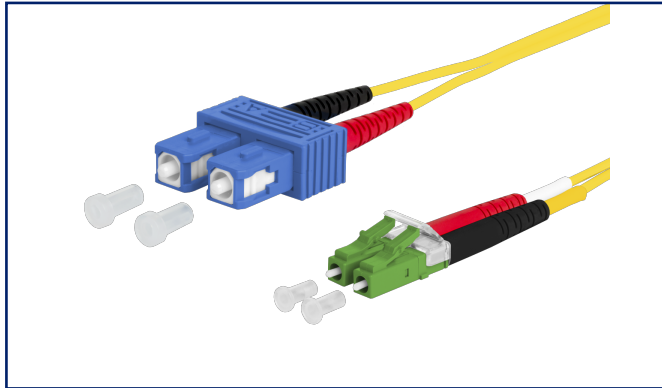


## Data sheet

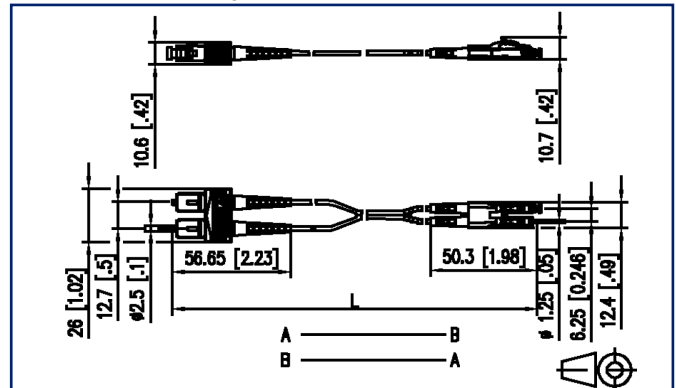
151P1EOJAXXE OpDAT Pk LCDA/SC-D OS2 xxm Dupl. 2x2,0mm gelb A>B/B>A  
151P1EOJAXXE

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### Illustrations



Dimensional drawing



See enlarged drawings at the end of document

### Product specification

- single mode patch cord I-V(ZN)H E9/125 OS2
- single mode fiber OS2, E9/125  $\mu\text{m}$ , bend insensitive according to IEC 60793-2-50 type B6\_a and B6\_b and G.657.A2 and B2, compatible to G.652.D
- outer diameter 2.0 x 4.2 mm
- halogen-free LSHF-FR sheath with low smoke development, flame retardant
- duplex cord as zip-cord (figure 8) with two tight buffered fibers and aramide strain relief
- 100 % tested
- maximum length: 20 m
- all available variants can be created with the cable configurator



## Technical Data

### General Data

Fields of application	office areas 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	patch cord
Transmission technology	Fiber optic
Wiring	crossed
Color	yellow
Dimensions	
Dimension - Interface 1 (L x W x H)	56.65 mm x 26 mm x 10.6 mm
Dimension - Interface 1 (L x W x H)	2.23 in. x 1.024 in. x 0.417 in.
Dimension - Interface 2 (L x W x H)	50.3 mm x 12.4 mm x 10.7 mm
Dimension - Interface 2 (L x W x H)	1.98 in. x 0.488 in. x 0.421 in.
Mode type of the fiber	Singlemode
Fiber class	OS2
Fiber standard	IEC 11801
Cable Type	Duplex cable
Number of cables/ buffered fibers	2
Shape	UPC (Ultra Physical Contact)
Fiber construction	9/125 µm
Weight	8 kg/km

### Connections/interfaces

Connector technology interface 1	LC-D APC
Connector technology interface 2	SC-D
Cable sheath diameter (min. - max.)	
Cable sheath diameter	2 mm - 4.2
Ferrule diameter	2.5 mm
Ferrule diameter	0.098 in.

# P | Cabling

Data sheet

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## Technical Data

### Optical characteristics

Insertion loss	max. 0,3 dB
Return loss	max. 65 dB

### Mechanical data

Life - Number of mating cycles	min. 1000
Maximum installation load	15 mm
Maximum installation load	0.591 in.

### Materials and material properties

Bend insensitivity	yes
Flame retardancy	yes
Halogen free	yes
Silicone free	no paint wetting interfering substances (LaBS) in the process chain
LaBS Note	subsequent contamination possible due to handling and possible storage in your company
RoHS	compliant
REACH	compliant

### Environmental conditions

Temperature (min. - max.)	
Temperature - Storage °C	-10 °C - 60 °C
Temperature - Storage °F	14 °F - 140 °F
Temperature - Operating °C	-10 °C - 60 °C
Temperature - Operating °F	14 °F - 140 °F
Temperature - Installation °C	-10 °C - 60 °C
Temperature - Installation °F	14 °F - 140 °F

### Standards/Regulations

Generic cabling systems	
General requirements	ISO/IEC 11801
Fibre optic connector interfaces	IEC 61754-4

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Data sheet

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## Technical Data

### Standards/Regulations

Optical fibers: Indoor optical cables

Sectional specification for class B single-mode fibres ISO/IEC 60793-2-50 type B6\_a2

Optical fibers - Interconnecting devices and passive components - basic test and measuring methods

Fibre optic interconnecting devices and passive components IEC 61300-3-4 | IEC 61300-3-6

Test on gases evolved during combustion of materials from cables

Determination of acidity (by measuring the pH value) and conductivity IEC 60754-2

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

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

### Classifications

ETIM 7.0 EC001263

ETIM 8.0 EC001263

### Packing details

Type of packaging 1 pc(s) / plastic bag

# P | Cabling

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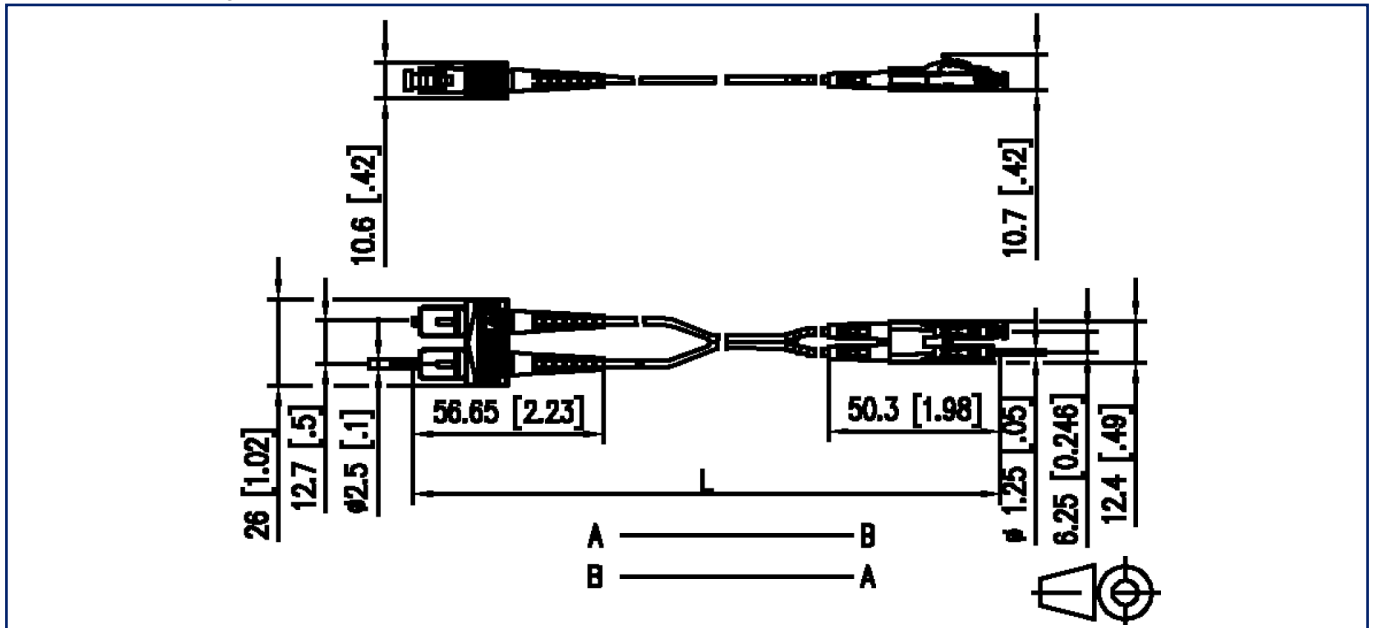
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## Illustrations

Dimensional drawing



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