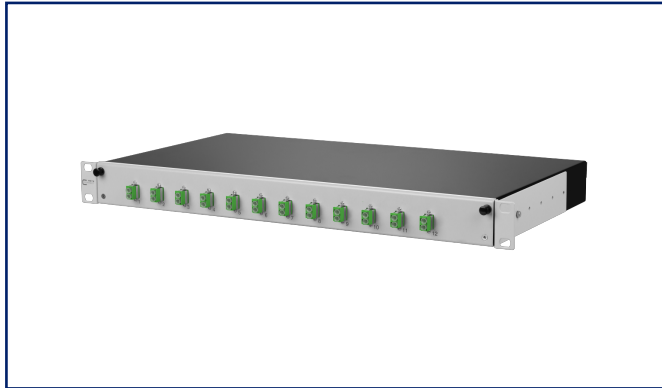


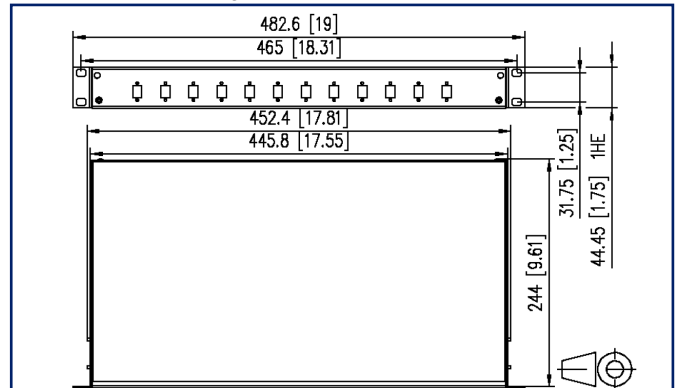
## Data sheet

### OpDAT slide patch panel splice 12xLC-D APC OS2

## Illustrations



Dimensional drawing



See enlarged drawings at the end of document

## Product specification

- 19 inch 1RU fiber optic patch panel with pull-out splice tray / front cover (gray RAL 7035)
- equipped with LC-D-adapters and LC APC-pigtails
- pigtails with semi-tight buffered fiber dia. 0.9 mm, 12 colors, secondary and primary coating in the same color, length 2.0 m
- pigtails inserted and stripped in standard splice trays with crimp splice holders
- pigtails are cleaned and plugged in adapters
- splice tray can be tilted and removed completely for better mounting
- unused cutouts are closed by blank plugs
- several possibilities for cable entry on the back (fastening with PG13.5, PG16 and PG21 or M20 and M25)
- supplied with one M20 cable gland



# P | Cabling

Data sheet

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## OpDAT slide patch panel splice 12xLC-D APC OS2

P/N

1502697612-F

EAN 4251394608181

2023/07/10

### Technical Data

#### General Data

Fields of application	structured building cabling 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 panel
Mounting style	1RU
Transmission technology	Fiber optic
Port numbering	yes
Dimensions	
Dimension (L x W x H)	244 mm x 482.6 mm x 44.45 mm
Dimension (L x W x H)	9.606 in. x 19 in. x 1.75 in.
Inches	19 inches
Height unit	1RU
Installation depth	244 mm
Installation depth	9.606 in.
Number of cables/ buffered fibers	24
Cable Type	pigtail(s)
Fiber class	OS2
Mode type of the fiber	Singlemode
Shape	APC (Angled Physical Contact)
Fiber construction	9/125 µm
Labeling option	printed numbers

#### Connections/interfaces

Connector technology interface 1	LC-D Couplers
Connector technology interface 2	LC-D Couplers
Number of ports interface 1	12
Number of ports interface 2	12
Number of equipped ports interface 1	12
Number of ports interface 2 equipped	12
Number of ports with dust protection interface 1	12

### Technical Data

#### Connections/interfaces

Semi-tight buffered fiber pigtail length	2 m
Semi-tight buffered fiber pigtail length	6.56 ft
Semi-tight buffered fiber pigtail diameter	0.9 mm
Semi-tight buffered fiber pigtail diameter	0.035 in.
Cable access/outlet	several possibilities for cable entry on the back

#### Optical characteristics

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

#### Mechanical data

Cut-out	SC, LC-D, E2000
Connector type	duplex
Life - Number of mating cycles	min. 1000
strain relief	yes

#### Materials and material properties

Material - Housing	sheet steel
Material - Housing finish	powder-coated
Material - Front cover	sheet steel
Material - Front cover finish	powder-coated
Material - Sleeve	ceramic, slotted
Material - Coupler housing	Plastics
Halogen free	yes
RoHS	compliant

#### Environmental conditions

Temperature (min. - max.)	
Temperature - Operating °C	-40 °C - 85 °C
Temperature - Operating °F	-40 °F - 185 °F

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## OpDAT slide patch panel splice 12xLC-D APC OS2

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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\_a/B6\_b

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

Fibre optic interconnecting devices and passive components - Insertion loss IEC 61300-3-4

Fibre optic interconnecting devices and passive components - Return loss IEC 61300-3-6

Fibre optic interconnecting devices and passive components - Visual inspection of plug end face IEC 61300-3-35

Standard colours for insulation for low-frequency cables & wires IEC 60304

ITU-T standard ITU-T G.657.A compatible with ITU-T G.652.D

#### Classifications

ETIM 5.0 EC001130

ETIM 6.0 EC001130

ETIM 7.0 EC001130

ETIM 8.0 EC001130

ETIM 9.0 EC001130

#### Packing details

Type of packaging 1 pc(s) / box

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## OpDAT slide patch panel splice 12xLC-D APC OS2

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### Accessories

P/N	Designation
130792	Mounting kit, cage nuts M6
150811M20-E	Cable gland M20 (Clamping range 7.0 to 12.0 mm)
150811M25-E	Cable gland M25 (Clamping range 10.0 to 16.0 mm)
15090401-E	OpDAT crimp splice protection (12 pieces)

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## OpDAT slide patch panel splice 12xLC-D APC OS2

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### Illustrations

Dimensional drawing

