

# P | Cabling

## Data sheet

**OpDAT PF patch panel splice**  
**12xLC-D (aqua), OM3, gray**

Page 1/6

P/N

1502057712-E

EAN 4250184166818

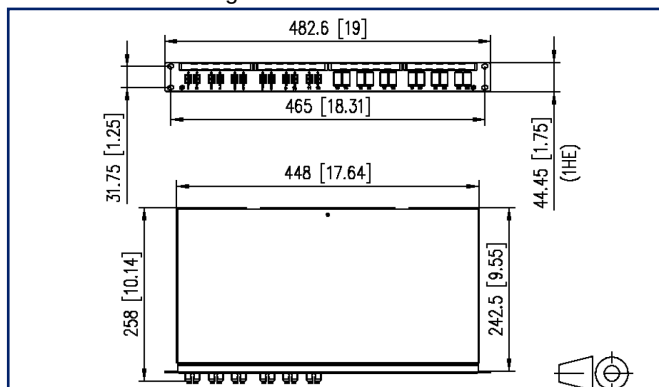
2021/08/31

Version: AD

## Illustrations



Dimensional drawing



See enlarged drawings at the end of document

## Product specification

- 19 inch 1RU fiber optic patch panel for fixed installation
  - equipped with LC-D adapters and LC 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
  - light construction with aluminum front plate (gray or black) and housing
  - unequipped cutouts are closed with blind plugs
  - removable front plate for easy adapter mounting
  - 10 possible cable entries in the rear panel for 4x PG13.5, 2x PG16/M20 or 2x PG21/M25 cable glands and for two pre-terminated installation cables (VIK)
  - snap-on cover for easy access during service work
  - label window for enclosed identification labels
  - supplied with one PG16 cable gland
- 
- variants: equipped with 6, 12 or 24 LC-D adapters and pigtails, all blue (OS2), violet (OM4), aqua (OM3), or 6, 12 or 24 LC-D APC adapters and pigtails green (OS2)



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Page 2/6

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## Technical Data

### General Data

Fields of application

Structured building cabling, Office  
Data center

Design patch panel

Mounting style 1RU

Transmission technology Fiber optic

Port numbering yes

Color aqua

Dimensions

Dimension (L x W x H) 258 mm x 482.6 mm x 43.8 mm

Dimension (L x W x H) 10.157 in. x 19 in. x 1.724 in.

Inches 19 inches

Height unit 1RU

Number of cables/ buffered fibers 24

Cable Type pigtail(s)

Fiber class OM3: ISO/IEC 11801/EN 50173 & IEC 60793-2-10/EN  
60793-2-10 A1.a.2

Mode type of the fiber Multimode

Shape PC (Physical Contact)

Fiber construction 50/125 µm

Labeling option label window with identification label + printed numbers

### Connections/interfaces

Connector technology interface 1 LC-D Couplers

Connector technology interface 2 LC-D Couplers

Number of ports interface 1 24

Number of ports interface 2 24

Number of equipped ports interface 1 12

Number of ports interface 2 equipped 12

Number of ports with dust protection interface 2 12

Number of blind 12

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



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Page 3/6

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#### Connections/interfaces

|                                            |                                                   |
|--------------------------------------------|---------------------------------------------------|
| 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. 0,4 dB |
| Return loss    | min. 35 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         | Al (Aluminium)   |
| Material - Front cover     | Al (Aluminium)   |
| Material - Sleeve          | ceramic, slotted |
| Material - Coupler housing | Plastics         |
| RoHS                       | compliant        |

#### The product meets the following standards

|                                                                                                    |                            |
|----------------------------------------------------------------------------------------------------|----------------------------|
| Optical fibers: Product specifications                                                             |                            |
| Sectional specification for category A1 multimode fibres                                           | ISO/IEC 60793-2-10 (A1a.2) |
| Optical fibers - Interconnecting devices and passive components - basic test and measuring methods |                            |
| Fibre optic interconnecting devices and passive components                                         | IEC 61300-3-4              |
| Fibre optic interconnecting devices and passive components                                         | IEC 61300-3-6              |
| Fibre optic interconnecting devices and passive components                                         | IEC 61300-3-35             |
| Standard colours for insulation for low-frequency cables & wires                                   | IEC 60304                  |



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Page 4/6

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#### Classifications

|          |          |
|----------|----------|
| ETIM 5.0 | EC001130 |
| ETIM 6.0 | EC001130 |
| ETIM 7.0 | EC001130 |
| ETIM 8.0 | EC001130 |

#### Packing details

|                                 |                                    |
|---------------------------------|------------------------------------|
| Type of packaging               | 1 pc(s) / box                      |
| Packaging unit - Weight (gram)  | 2125 g                             |
| Packaging unit - Weight (pound) | 4.68 lb                            |
| Packaging dimension             | 540 mm x 380 mm x 60 mm            |
| Packaging dimension             | 21.26 in. x 14.961 in. x 2.362 in. |



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Page 5/6

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### Accessories

| P/N          | Designation                                            |
|--------------|--------------------------------------------------------|
| 130792       | Mounting kit, cage nuts M6                             |
| 1502500000-E | OpDAT PF/fix patch cord tray gray                      |
| 150811M20-E  | Cable gland M20 (Clamping range 7 to 12 mm)            |
| 150811M25-E  | Cable gland M25                                        |
| 15090301-I   | OpDAT splice protection cover for 12 crimp splices     |
| 15090401-E   | OpDAT crimp splice protection (12 pcs)                 |
| 899011-01    | Label sheet for Modul patch panels / REG               |
| 899789-01    | Label sheet for E-DAT C6 and E-DAT design patch panels |

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Page 6/6

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