

# P | Cabling

## Data sheet

### OpDAT PA patch panel splice 6xLC-D (violet), OM4, gray

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P/N

1502277506-E

EAN 4250184166542

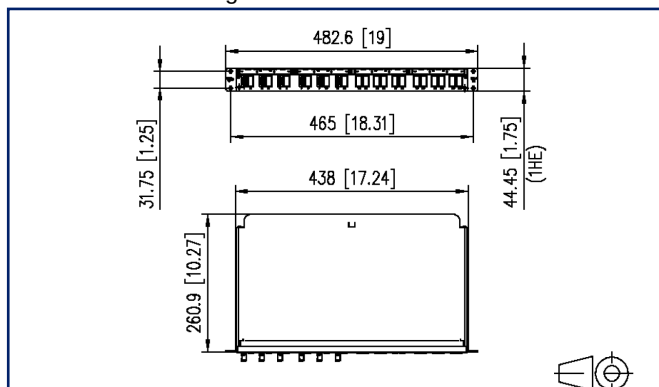
2021/09/28

Version: AE

## 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 or black)
- 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
- splice tray of withdrawable patch panel tilts and is completely removable to facilitate fitting (end stop)
- light aluminum construction
- unused cutouts are closed by blank plugs
- variable cable entry (straight / inclined) from both sides possible
- cable support by supplied cable tie or optional cable gland (accessory)
- cable diameter from 3 to 20 mm
- strain relief for central element / Kevlar
- cable management by cable guides to be positioned as required
- screwless cover
- label windows for enclosed identification labels
- variants: equipped with 6, 12 or 24 LC-D adapters and pigtails, all blue (OS2), lime green (OM5), violet (OM4), aqua (OM3) or 6, 12 or 24 LC-D APC adapters and pigtails green (OS2)



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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                             | violet                                                            |
| Dimensions                        |                                                                   |
| Dimension (L x W x H)             | 263.9 mm x 482.6 mm x 44.45 mm                                    |
| Dimension (L x W x H)             | 10.39 in. x 19 in. x 1.75 in.                                     |
| Inches                            | 19 inches                                                         |
| Height unit                       | 1RU                                                               |
| Installation depth                | 265 mm                                                            |
| Installation depth                | 10.433 in.                                                        |
| Number of cables/ buffered fibers | 12                                                                |
| Cable Type                        | pigtail(s)                                                        |
| Fiber class                       | OM4: ISO/IEC 11801/EN 50173 & IEC 60793-2-10/EN 60793-2-10 A1.a.3 |
| Mode type of the fiber            | Multimode                                                         |
| 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             | 6             |
| Number of ports interface 2 equipped             | 6             |
| Number of ports with dust protection interface 2 | 6             |
| Number of blind                                  | 18            |
| Semi-tight buffered fiber pigtail length         | 2 m           |
| Semi-tight buffered fiber pigtail length         | 6.56 ft       |



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#### Connections/interfaces

|                                            |                                                         |
|--------------------------------------------|---------------------------------------------------------|
| Semi-tight buffered fiber pigtail diameter | 0.9 mm                                                  |
| Semi-tight buffered fiber pigtail diameter | 0.035 in.                                               |
| Cable access/outlet                        | variable, straight / inclined, from both sides possible |

#### 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 - 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 &amp; wires IEC 60304

#### Classifications

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



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#### Packing details

|                                 |                                    |
|---------------------------------|------------------------------------|
| Type of packaging               | 1 pc(s) / box                      |
| Packaging unit - Weight (gram)  | 1700 g                             |
| Packaging unit - Weight (pound) | 3.75 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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### 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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