

## Data sheet

### OpDAT fix patch panel splice 12xSC-D (aqua), OM3, gray

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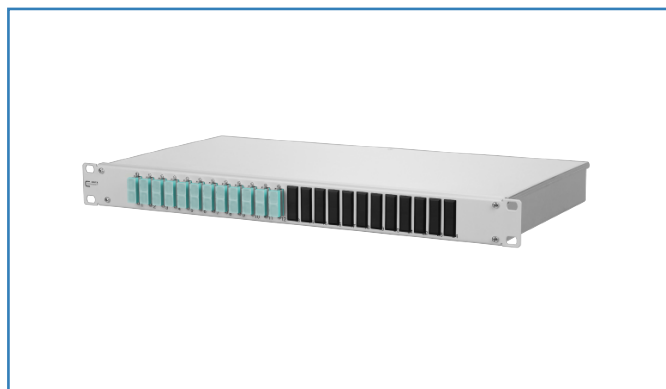
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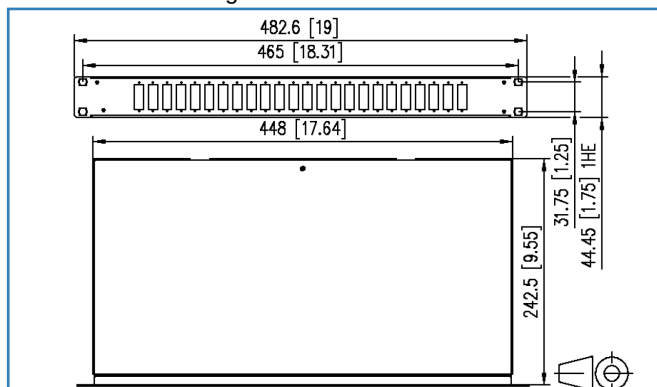
EAN 4250184171805

2018-13-03

## 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 SC-D adapters and SC 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 aluminum construction with steel sheet front plate painted (gray or black)
- unused cutouts are closed by blank plugs
- removable front plate for easy adapter mounting
- screwed on cover for easy access during service work
- several possibilities for cable entry on the back (fastening with PG13.5, PG16 and PG21 or M20 and M25)
- supplied with one PG16 cable gland
- Variants: equipped with 6, 12 or 24 SC-D adapters and Pigtails, all blue (OS2), lime green (OM5), violet (OM4) or aqua (OM3) or 6, 12 or 24 SC-D APC adapters and Pigtails, all green (OS2)



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## Technical Data

### General Data

#### Fields of application

|                         |                                                                   |
|-------------------------|-------------------------------------------------------------------|
|                         | Structured building cabling, Office<br>Data center                |
| Design                  | patch panel                                                       |
| Mounting style          | 1RU                                                               |
| Transmission technology | Fiber optic                                                       |
| Port numbering          | yes                                                               |
| Color                   | aqua                                                              |
| Dimensions              |                                                                   |
| Dimension (L x W x H)   | 242.50 x 482.60 x 44.45 mm                                        |
| Dimension (L x W x H)   | 9.547 x 19.00 x 1.75 in.                                          |
| Inches                  | 19 inches                                                         |
| Height unit             | 1RU                                                               |
| Installation depth      | 243.00 mm                                                         |
| Installation depth      | 9.567 in.                                                         |
| Number of cables/ cores | 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                                                         |
| Fiber construction      | 50/125 µm                                                         |
| Labeling option         | printed numbers                                                   |

### Connections/interfaces

|                                                  |               |
|--------------------------------------------------|---------------|
| Connector technology interface 1                 | SC-D Couplers |
| Connector technology interface 2                 | SC-D Couplers |
| Number of ports interface 1                      | 24            |
| Number of ports interface 2                      | 24            |
| Number of equipped ports interface 1             | 12            |
| Number of equipped ports interface 2             | 12            |
| Number of ports with dust protection interface 2 | 12            |
| Number of blind covers interface 2               | 12            |
| Semi-tight buffered fiber pigtail length         | 2.00 m        |
| Semi-tight buffered fiber pigtail length         | 6.56 ft       |
| Semi-tight buffered fiber pigtail diameter       | 0.90 mm       |
| Semi-tight buffered fiber pigtail diameter       | 0.035 in.     |



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### Connections/interfaces

|                     |                                                   |
|---------------------|---------------------------------------------------|
| 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 characteristics

|                                |                  |
|--------------------------------|------------------|
| Cut-out                        | SC-D, LC-Q, ST-D |
| Connector type                 | Duplex           |
| Life - Number of mating cycles | min. 1000        |
| strain relief                  | yes              |

### Materials and material properties

|                            |                  |
|----------------------------|------------------|
| Material - Housing         | Al (Aluminium)   |
| Material - Front cover     | sheet steel      |
| Material - Sleeve          | ceramic, slotted |
| Material - Coupler housing | Plastics         |

### Approvals

|      |           |
|------|-----------|
| RoHS | compliant |
|------|-----------|

### The product meets the following standards

|                                                                                                    |                            |
|----------------------------------------------------------------------------------------------------|----------------------------|
| Fibre optic connector interfaces                                                                   | DIN EN 61754-4             |
| 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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#### Classifications

|          |          |
|----------|----------|
| ETIM 5.0 | EC001130 |
| ETIM 6.0 | EC001130 |

#### Packing details

|                                 |                             |
|---------------------------------|-----------------------------|
| Type of packaging               | 1 pc(s) / box               |
| Packaging unit - Weight (gram)  | 1790.00 g                   |
| Packaging unit - Weight (pound) | 3.95 lb                     |
| Packaging dimension (W x H x D) | 523.00 x 361.00 x 45.00 mm  |
| Packaging dimension (W x H x D) | 20.591 x 14.213 x 1.772 in. |



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