

## Data sheet

**OpDAT fix patch panel splice**  
**24xSC-D (blue), OS2, gray**

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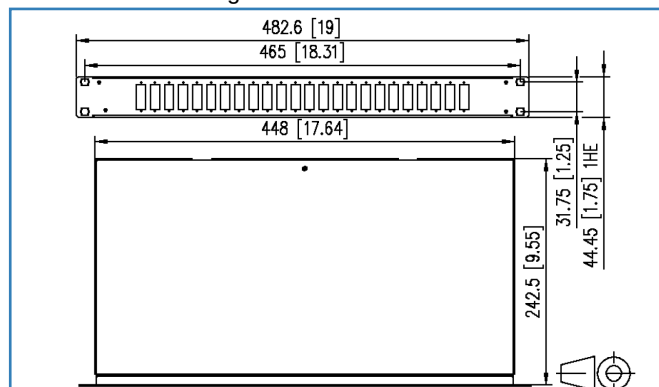
P/N  
**150259E224-E**  
 EAN 4250184147114

2017-20-12

## 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 in RAL 7035
- 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

|                         |                                                         |
|-------------------------|---------------------------------------------------------|
|                         | Office                                                  |
|                         | Data center                                             |
| Design                  | patch panel                                             |
| Mounting style          | 1RU                                                     |
| Transmission technology | Fiber optic                                             |
| Port numbering          | yes                                                     |
| Color                   | blue                                                    |
| 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                                               |
| Number of cables/ cores | 48                                                      |
| Cable Type              | pigtail(s)                                              |
| Fiber class             | OS2: IEC 60793-2-50 B6_a, B6_b & ITU-T G.657.A, G.652.D |
| Mode type of the fiber  | Single mode                                             |
| Fiber construction      | 9/125 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             | 24                                                |
| Number of ports interface 2 equipped             | 24                                                |
| Number of ports with dust protection interface 2 | 24                                                |
| 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.                                         |
| Cable access/outlet                              | several possibilities for cable entry on the back |



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#### Optical characteristics

|                |             |
|----------------|-------------|
| Insertion loss | max. 0.3 dB |
| Return loss    | min. 50 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: 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                                         | 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                                   |
| ITU-T standard                                                                                     | ITU-T G.657.A compatible with ITU-T G.652.D |



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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)  | 2212.00 g                   |
| Packaging unit - Weight (pound) | 4.88 lb                     |
| Packaging dimension (W x H x D) | 580.00 x 405.00 x 70.00 mm  |
| Packaging dimension (W x H x D) | 22.835 x 15.945 x 2.756 in. |



# P | Cabling

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