

## Data sheet

**OpDAT PF patch panel splice**  
**12xSC-D (blue), OS2, gray**

Page 1/5

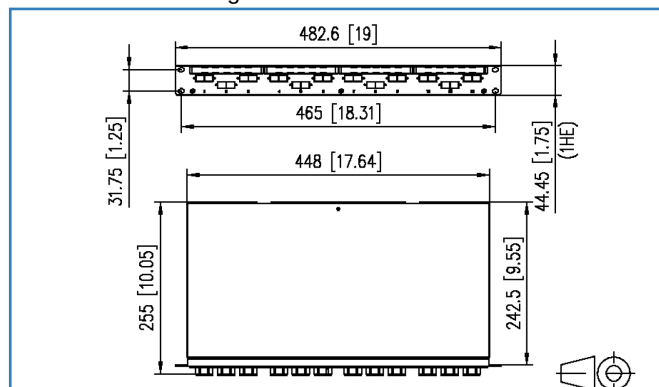
P/N  
**150209E212-E**  
 EAN 4251122182501

2018-27-02

## 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 tray with crimp splice holders
- pigtails are cleaned and inserted into 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 windows for enclosed identification labels
- supplied with one PG16 cable gland
- variants: equipped with 6 or 12 SC-D adapters and pigtails blue (OS2), violet (OM4), aqua (OM3) or 6 or 12 SC-D APC adapters and pigtails green (OS2)



## Data sheet

### OpDAT PF patch panel splice 12xSC-D (blue), OS2, gray

Page 2/5

P/N

150209E212-E

EAN 4251122182501

2018-27-02

## 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)   | 255.00 x 482.60 x 44.45 mm                               |
| Dimension (L x W x H)   | 10.039 x 19.00 x 1.75 in.                                |
| Inches                  | 19 inches                                                |
| Height unit             | 1RU                                                      |
| Number of cables/ cores | 24                                                       |
| 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         | label window with identification label + printed numbers |

### Connections/interfaces

|                                                  |                                                   |
|--------------------------------------------------|---------------------------------------------------|
| Connector technology interface 1                 | SC-D Couplers                                     |
| Connector technology interface 2                 | SC-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 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.                                         |
| Cable access/outlet                              | several possibilities for cable entry on the back |



## Data sheet

### OpDAT PF patch panel splice 12xSC-D (blue), OS2, gray

Page 3/5

P/N

150209E212-E

EAN 4251122182501

2018-27-02

## Technical Data

### 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     | Al (Aluminium) |
| 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 |

### Packing details

|                                 |                             |
|---------------------------------|-----------------------------|
| Type of packaging               | 1 pc(s) / box               |
| 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. |



Data sheet

Page 4/5

## OpDAT PF patch panel splice 12xSC-D (blue), OS2, gray

P/N

150209E212-E

EAN 4251122182501

2018-27-02

### Accessories

| P/N       | Designation                                            |
|-----------|--------------------------------------------------------|
| 899789-01 | Label sheet for E-DAT C6 and E-DAT design patch panels |



## Data sheet

### OpDAT PF patch panel splice 12xSC-D (blue), OS2, gray

Page 5/5

P/N

150209E212-E

EAN 4251122182501

2018-27-02

## Illustrations

### Dimensional drawing

