

# P | Cabling

## Data sheet

**OpDAT PF patch panel splice**  
**12xSC-D (violet), OM4, gray**

Page 1/6

P/N

150207BB12-E

EAN 4250184168775

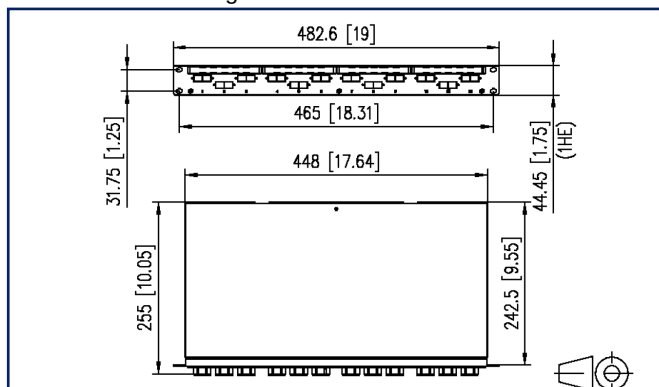
2021/09/01

Version: AB

## 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)



# P | Cabling

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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                             | violet                                                            |
| Dimensions                        |                                                                   |
| Dimension (L x W x H)             | 255 mm x 482.6 mm x 44.45 mm                                      |
| Dimension (L x W x H)             | 10.039 in. x 19 in. x 1.75 in.                                    |
| Inches                            | 19 inches                                                         |
| Height unit                       | 1RU                                                               |
| Number of cables/ buffered fibers | 24                                                                |
| 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                                                         |
| Shape                             | PC (Physical Contact)                                             |
| Fiber construction                | 50/125 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 m           |
| Semi-tight buffered fiber pigtail length         | 6.56 ft       |
| Semi-tight buffered fiber pigtail diameter       | 0.9 mm        |
| Semi-tight buffered fiber pigtail diameter       | 0.035 in.     |



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Page 3/6

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### Technical Data

#### 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 data

|                                |                  |
|--------------------------------|------------------|
| 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 - 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.3) |
|----------------------------------------------------------|----------------------------|

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 |
|------------------------------------------------------------------|-----------|

#### Classifications

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



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Page 4/6

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### Classifications

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             | 523 mm x 361 mm x 45 mm             |
| Packaging dimension             | 20.591 in. x 14.213 in. x 1.772 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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