

# P | Cabling

## Data sheet

### OpDAT CM 6xLC-D OM5

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1528S87M061E

EAN 4251394607320

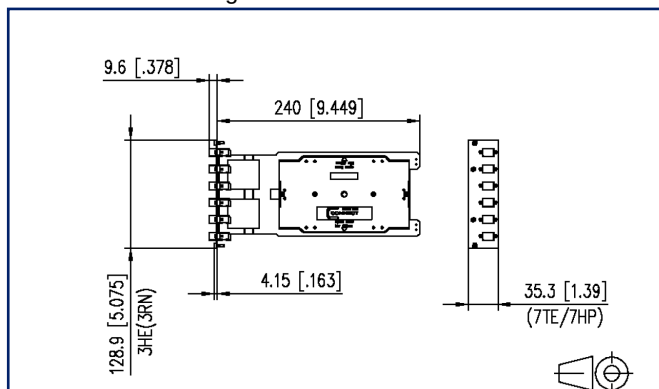
2023/06/29

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## Illustrations



Dimensional drawing



See enlarged drawings at the end of document

## Product specification

- Compact module OpDAT CM 6xLC-D 3RU/HP
- Fully equipped with 6 LC-D adapters and 12 LC pigtails
- Pigtails with semi-tight buffered fiber dia. 0.9 mm, length 2.0 m, 12 colors
- Pigtails inserted and stripped in standard splice tray with crimp splice holder
- Pigtails are cleaned and inserted into the adapters
- Front panel made of silver anodized aluminum, with numbered adapter positions
- Mounting plate made of steel, equipped with splice tray and overlength tray, each with a cover
- Fixing in the subassembly frame by captive screws
- Variants: equipped with LC-D adapters each blue (OS2), green (OS2 APC), lime green (OM5), violet (OM4) or aqua (OM3)



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### Technical Data

#### General Data

|                                               |                                                                   |
|-----------------------------------------------|-------------------------------------------------------------------|
| Fields of application                         | structured building cabling<br>office areas<br>data center        |
| Mechanical measurement according to MICE      | M1                                                                |
| Ingress measurement according to MICE         | I1                                                                |
| Climatic measurement according to MICE        | C1                                                                |
| Electromagnetic measurement according to MICE | E3                                                                |
| Design                                        | Compact module                                                    |
| Mounting style                                | 3RU/7HP                                                           |
| Transmission technology                       | Fiber optic                                                       |
| Port numbering                                | yes                                                               |
| Color                                         | lime green                                                        |
| Dimensions                                    |                                                                   |
| Dimension (L x W x H)                         | 249.6 mm x 128.9 mm x 35.3 mm                                     |
| Dimension (L x W x H)                         | 9.827 in. x 5.075 in. x 1.39 in.                                  |
| Inches                                        | 19 inches                                                         |
| Height unit                                   | 3RU                                                               |
| Horizontal pitch                              | 7HP                                                               |
| Installation depth                            | 242 mm                                                            |
| Installation depth                            | 9.528 in.                                                         |
| Number of cables/ buffered fibers             | 12                                                                |
| Cable Type                                    | pigtail(s)                                                        |
| Fiber class                                   | OM5: ISO/IEC 11801/EN 50173 & IEC 60793-2-10/EN 60793-2-10 A1.a.4 |
| Mode type of the fiber                        | Multimode                                                         |
| Fiber construction                            | 50/125 µm                                                         |
| Labeling option                               | printed numbers                                                   |

#### Connections/interfaces

|                                      |               |
|--------------------------------------|---------------|
| Connector technology interface 1     | LC-D Couplers |
| Connector technology interface 2     | LC-D Couplers |
| Number of ports interface 1          | 6             |
| Number of ports interface 2          | 6             |
| Number of equipped ports interface 1 | 6             |



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#### Connections/interfaces

|                                                  |           |
|--------------------------------------------------|-----------|
| Number of ports interface 2 equipped             | 6         |
| Number of ports with dust protection interface 2 | 6         |
| 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. |

#### Optical characteristics

|                |             |
|----------------|-------------|
| Insertion loss | max. 0,3 dB |
| Return loss    | min. 35 dB  |

#### Mechanical data

|                                |                 |
|--------------------------------|-----------------|
| Cut-out                        | SC, LC-D, E2000 |
| Connector type                 | duplex          |
| Life - Number of mating cycles | min. 1000       |

#### Materials and material properties

|                               |                  |
|-------------------------------|------------------|
| Material - Front cover        | Al (Aluminium)   |
| Material - Front cover finish | silver anodized  |
| Material - Mounting plate     | steel            |
| Material - Sleeve             | ceramic, slotted |
| Material - Coupler housing    | Plastics         |
| Halogen free                  | yes              |
| RoHS                          | compliant        |

#### Environmental conditions

|                            |                |
|----------------------------|----------------|
| Temperature (min. - max.)  |                |
| Temperature - Storage °C   | -10 °C - 60 °C |
| Temperature - Storage °F   | 14 °F - 140 °F |
| Temperature - Operating °C | -10 °C - 60 °C |
| Temperature - Operating °F | 14 °F - 140 °F |



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## Technical Data

### Standards/Regulations

Optical fibers - Interconnecting devices and passive components - basic test and measuring methods

|                                                                             |               |
|-----------------------------------------------------------------------------|---------------|
| Fibre optic interconnecting devices and passive components - Insertion loss | IEC 61300-3-4 |
|-----------------------------------------------------------------------------|---------------|

|                                                                          |               |
|--------------------------------------------------------------------------|---------------|
| Fibre optic interconnecting devices and passive components - Return loss | IEC 61300-3-6 |
|--------------------------------------------------------------------------|---------------|

|                                                                  |           |
|------------------------------------------------------------------|-----------|
| Standard colours for insulation for low-frequency cables & wires | IEC 60304 |
|------------------------------------------------------------------|-----------|

### Classifications

|          |          |
|----------|----------|
| ETIM 7.0 | EC001130 |
|----------|----------|

|          |          |
|----------|----------|
| ETIM 8.0 | EC001130 |
|----------|----------|

|          |          |
|----------|----------|
| ETIM 9.0 | EC001130 |
|----------|----------|

### Packing details

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



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