

# P | Cabling

## Data sheet

### OpDAT REGpro blister 6xLC-D APC OS2

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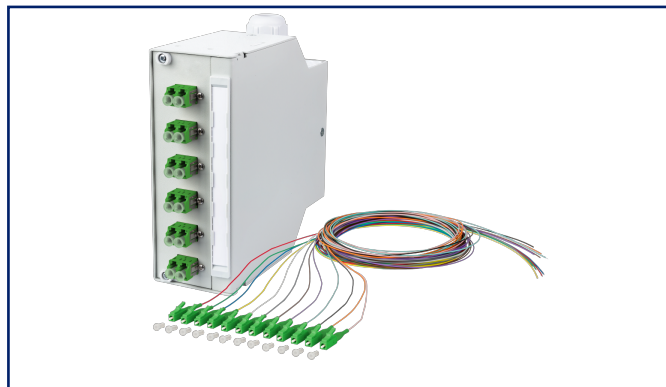
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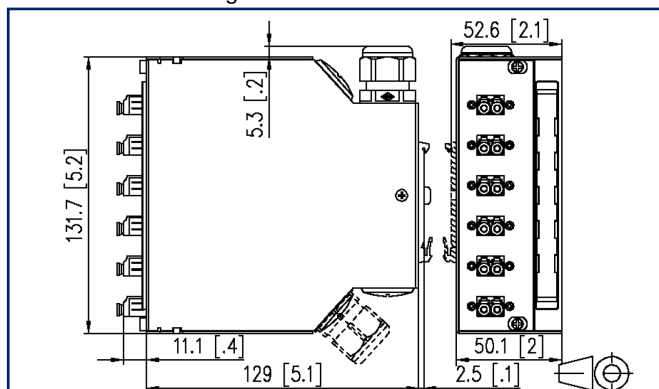
2023/07/11

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## Illustrations



Dimensional drawing



See enlarged drawings at the end of document

## Product specification

- Compact distributor housing for TH35 top hat rail systems
- suitable for splicing installation cables
- simple handling through single pigtails
- equipped with LC-D APC adapters
- Pigtails arranged in blister
- pigtails with semi-tight buffered fiber dia. 0.9 mm, 12 colors, secondary and primary coating in the same color, length 2.0 m
- Front area with identification strips
- Various mounting positions on the top hat rail system possible
- Cable insertion from above or below, straight or inclined, suitable for M20 strain relief (up to 2 possible)
- one cable gland M20 with strain relief included in the delivery
- unoccupied adapter recesses are closed with blind plugs
- Housing made from sheet steel, powder coated (light gray, RAL 7035)
- variants: equipped with a maximum of 6 LC-D APC adapters



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### Technical Data

#### General Data

|                                               |                                                                  |
|-----------------------------------------------|------------------------------------------------------------------|
| Fields of application                         | structured building cabling<br>office areas<br>harsh environment |
| 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                                        | Splice distributor - blister                                     |
| Mounting style                                | Standard rail TH35                                               |
| Transmission technology                       | Fiber optic                                                      |
| Color                                         | gray                                                             |
| Dimensions                                    |                                                                  |
| Dimension (L x W x H)                         | 134 mm x 50 mm x 137 mm                                          |
| Dimension (L x W x H)                         | 5.276 in. x 1.969 in. x 5.394 in.                                |
| Height unit                                   | 3RU                                                              |
| Horizontal pitch                              | 7HP                                                              |
| Weight                                        | 800 g                                                            |
| Weight                                        | 1.7637 lb                                                        |
| Number of cables/ buffered fibers             | 12                                                               |
| 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                        | Singlemode                                                       |
| Shape                                         | APC (Angled Physical Contact)                                    |
| Fiber construction                            | 9/125 µm                                                         |
| Labeling option                               | label strip / labeling strip                                     |

#### 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             |
| Number of ports interface 2 equipped             | 6             |
| Number of ports with dust protection interface 1 | 6             |



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#### Connections/interfaces

|                                                  |                                          |
|--------------------------------------------------|------------------------------------------|
| 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.                                |
| Cable access/outlet                              | from top or bottom, straight or inclined |

#### Optical characteristics

|                |             |
|----------------|-------------|
| Insertion loss | max. 0,3 dB |
| Return loss    | min. 65 dB  |

#### Mechanical data

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

#### Materials and material properties

|                                           |                    |
|-------------------------------------------|--------------------|
| Material - Housing                        | sheet steel        |
| Material - Housing finish                 | powder-coated      |
| Material - Front cover                    | sheet steel        |
| Material - Front cover finish             | powder-coated      |
| Material - Mounting plate                 | steel              |
| Material - Mounting plate finish          | powder-coated      |
| Material - Sleeve                         | ceramic, slotted   |
| Material - Coupler housing                | Plastics           |
| Material - Standard rail mounting support | Al (Aluminium)     |
| Material - Dust protection                | PC (polycarbonate) |
| Halogen free                              | yes                |
| RoHS                                      | compliant          |



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### Environmental conditions

Temperature (min. - max.)

Temperature - Storage °C -20 °C - 60 °C

Temperature - Storage °F -4 °F - 140 °F

Temperature - Operating °C -20 °C - 60 °C

Temperature - Operating °F -4 °F - 140 °F

### Standards/Regulations

FO connector interfaces IEC 61754-20

ITU-T standard ITU-T G.657.A compatible with ITU-T G.652.D

### Classifications

ETIM 5.0 EC001130

ETIM 6.0 EC001130

ETIM 7.0 EC001130

ETIM 8.0 EC001130

ETIM 9.0 EC001130



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