

## Data sheet

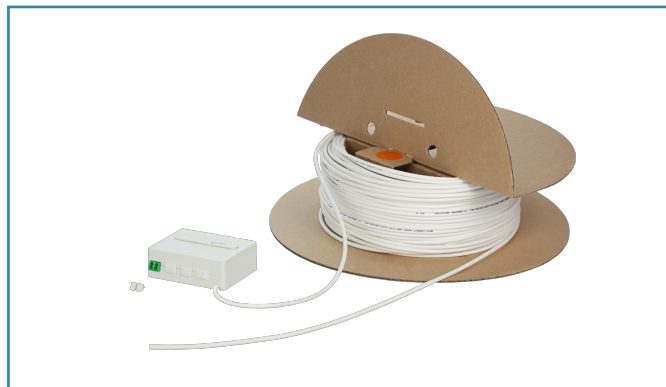
### OpDAT VADT splice 2xLC APC OS2

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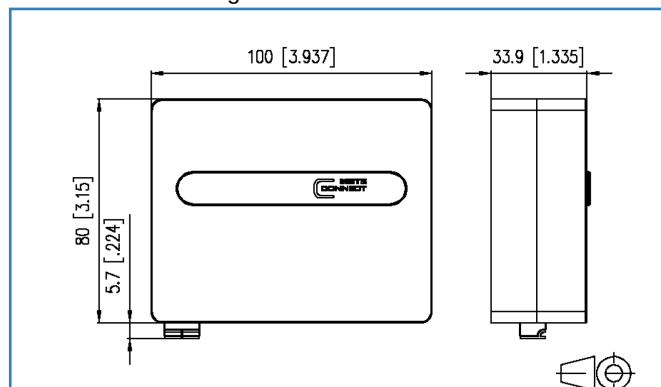
P/N  
150C029HK00XXE

2020/10/29

## Illustrations



Dimensional drawing



See enlarged drawings at the end of document

## Product specification

- compact fiber optic termination unit for flush mounted outlets or cavity wall boxes
- Box ready for installation, pre-terminated with singlemode indoor cable and equipped with adapters including laser protection for the connection of up to four fiber optic patch cables.
- The second cable end is open to be inserted, pulled in or blown into empty tubes. Suitable for splicing or for mounting field attachable fiber optic connectors (OpDAT FAST® Hybrid).
- cable easy to mount on carton drum
- Two cable types available:
  - Mini Breakout Cable Compact, white, Ø 4.5 mm
  - FITH cable, white, Ø 2.3 mm
- single mode fiber OS2, E9/125 µm, bend insensitive according to ITU-T G.657.A, compatible to G.652.D
- supplied with fixing material
- color box pure white (similar to RAL 9010)
- cable lengths: 5 to 100 m in 5 m steps
- (replace XX in the part number by the length, for example 05=5 m, A0=100 m)
- all available variants can be created with the VADT configurator



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### Technical Data

| General Data                         |                                                                    |
|--------------------------------------|--------------------------------------------------------------------|
| Design                               | wall outlet                                                        |
| Mounting style                       | surface mount                                                      |
| Transmission technology              | Fiber optic                                                        |
| Color                                | white                                                              |
| Dimensions                           |                                                                    |
| Dimension (L x W x H)                | 85 mm x 100 mm x 35 mm                                             |
| Dimension (L x W x H)                | 3.346 in. x 3.937 in. x 1.378 in.                                  |
| Mode type of the fiber               | Singlemode                                                         |
| Fiber class                          | OS2: IEC 60793-2-50 B6_a, B6_b & ITU-T G.657.A2, G.657.B2, G.652.D |
| Shape                                | APC (Angled Physical Contact)                                      |
| Fiber construction                   | 9/125 µm                                                           |
| Connections/interfaces               |                                                                    |
| Connector technology interface 1     | LC APC                                                             |
| Number of ports interface 1          | 4                                                                  |
| Number of equipped ports interface 1 | 2                                                                  |
| Number of blind covers interface 2   | 2                                                                  |
| Cable sheath diameter (min. - max.)  |                                                                    |
| Cable sheath diameter mm             | 4.50                                                               |
| Cable sheath diameter inch           | 0.177                                                              |
| Elektrische/ Optische Eigenschaften  |                                                                    |
| Insertion loss                       | max. 0,3 dB                                                        |
| Return loss                          | min. 65 dB                                                         |
| Mechanical data                      |                                                                    |
| strain relief                        | aramide fibres                                                     |
| Materials and material properties    |                                                                    |
| Material - Housing                   | Plastics                                                           |
| Material - Coupler housing           | Plastics                                                           |
| Material - Sleeve                    | ceramic, slotted                                                   |
| Flame retardancy                     | yes                                                                |
| Halogen free                         | yes                                                                |
| RoHS                                 | compliant                                                          |



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### Technical Data

#### The product meets the following standards

Generic cabling systems

General requirements ISO/IEC 11801-1

Lichtwellenleiter: LWL-Innenkabel

Sectional specification for class B single-mode fibres ISO/IEC 60793-2-50 type B.1.3 & B6\_a

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

ITU-T standard ITU-T G.657.A1 compatible with ITU-T G.652.D

#### Classifications

ETIM 7.0 EC001409

#### Packing details

Type of packaging 1 pc(s) / box



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