# Data sheet

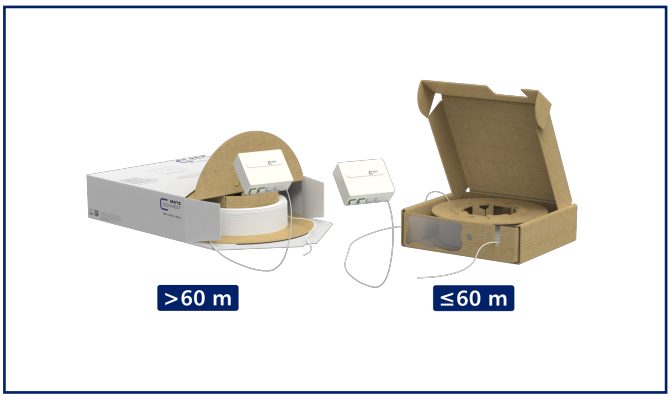
## OpDAT VADT splice 4xLC APC OS2, cable Ø2.3 mm



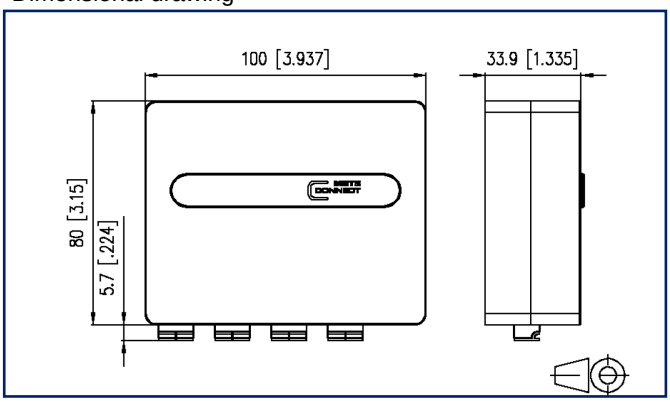
**P/N 150F049HK00XXE**

2026/08/27
Version: L

## 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
- quick and easy unwinding of the cable without removing the cable drum from the outer box for cable lengths of 10 - 60 m
- 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.A2, compatible to ITU-T 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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# OpDAT VADT splice 4xLC APC OS2, cable Ø2.3 mm

**P/N 150F049HK00XXE**

2026/08/27
Version: L

## Technical Data

| General Data | |
|---|---|
| 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 | wall outlet |
| Mounting style | AP |
| 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 |
| Shape | APC (Angled Physical Contact) |
| Fiber construction | 9/125 µm |

| Connections/interfaces | |
|---|---|
| Connector technology interface 1 | LC |
| Number of ports interface 1 | 4 |
| Number of equipped ports interface 1 | 4 |
| Number of blind | 2 |
| Cable sheath diameter (min. - max.) | |
| Cable sheath diameter | 2.3 |
| Cable sheath diameter | 0.091 |
| Cable access/outlet | bottom |
| **Electrical/ optical properties** | |
| Insertion loss | max. 0,3 dB |
| Return loss | min. 65 dB |

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# OpDAT VADT splice 4xLC APC OS2, cable Ø2.3 mm

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Version: L

## Technical Data

| | |
|---|---|
| **Mechanical data** | |
| strain relief | aramide fibres |
| **Materials and material properties** | |
| Material - Housing | Plastics |
| Material - Coupler housing | Plastics |
| Material - Sleeve | ceramic, slotted |
| Material - Ferrule | Ceramic |
| Flame retardancy | yes |
| Halogen free | yes |
| **Standards/Regulations** | |
| Generic cabling systems | |
| General requirements | ISO/IEC 11801-1 |
| Lichtwellenleiter: LWL-Innenkabel | |
| Sectional specification for classÂ 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 - Insertion loss | IEC 61300-3-4 |
| Fibre optic interconnecting devices and passive components - Return loss | IEC 61300-3-6 |
| Fibre optic interconnecting devices and passive components - Visual inspection of plug end face | IEC 61300-3-35 |
| Common test methods for cables under fire conditions | |
| Fire behaviour - class (EN 50399) | B2ca |
| **Classifications** | |
| ETIM 7.0 | EC001409 |
| ETIM 8.0 | EC001409 |
| ETIM 9.0 | EC001409 |
| ETIM 10.0 | EC001409 |

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# OpDAT VADT splice 4xLC APC OS2, cable Ø2.3 mm

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## Technical Data

### Packing details

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

### Application note

This product is a standard product of METZ CONNECT. METZ CONNECT is not aware of the specific intended use of the goods by the Customer or any customers of the Customer. The Customer guarantees that it has fully and sufficiently tested the use of the goods and any product modifications, product changes or product enhancements with regard to the specific intended use in accordance with the state of the art or in any other way.

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# OpDAT VADT splice 4xLC APC OS2, cable Ø2.3 mm

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## Accessories

| P/N | Designation |
|---|---|
| 150800200-E | Fibre optic tool Bag |
| 1509QAEA002C-E | OpDAT FAST™ Hybrid connector kit SC APC OS2<br>20 pieces for buffered fibres incl. tool |
| 1509QAEO002C-E | OpDAT FAST™ Hybrid connector kit SC UPC OS2<br>20 pieces for buffered fibres incl. tool |
| 1509QAJA002C-E | OpDAT FAST™ Hybrid connector kit LC APC OS2<br>20 pieces for buffered fibres incl. tool |
| 1509QAJO002C-E | OpDAT FAST™ Hybrid connector kit LC UPC OS2<br>20 pieces for buffered fibres incl. tool |
| 151P7EAJAXXE | OpDAT patch cord SC-S APC/LC-S APC OS2, white |
| 151P7EOJAXXE | OpDAT patch cord SC-S/LC-S APC OS2, white |
| 151P7JAJAXXE | OpDAT patch cord LC-S APC/LC-S APC OS2, white |

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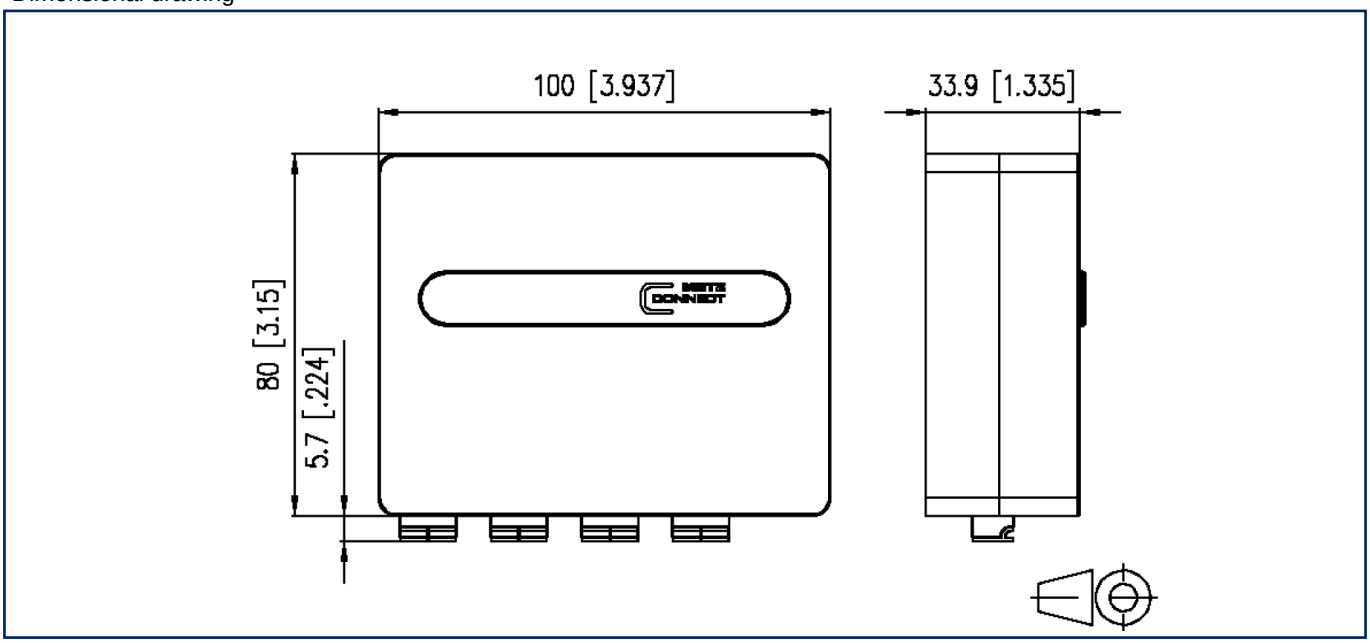
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