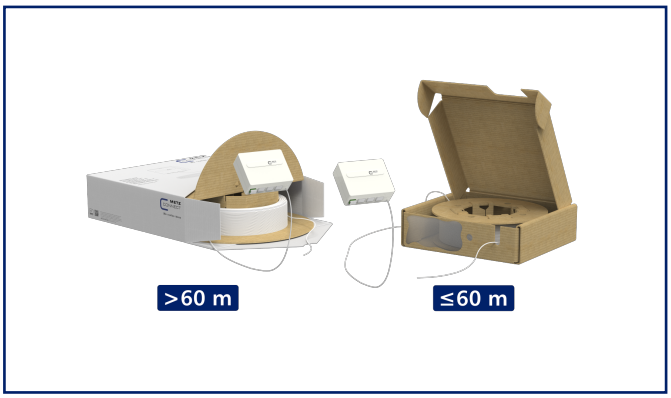
Data sheet

OpDAT VADT splice 2xLC APC OS2, cable Ø2.3 mm

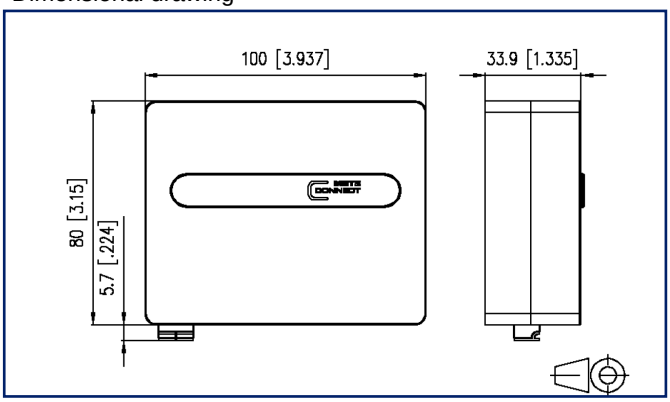
P/N
150F029HK00XXE

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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 2xLC APC OS2, cable Ø2.3 mm

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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	2
Number of blind	3
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 2xLC APC OS2, cable Ø2.3 mm

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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 2xLC 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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Accessories

P/N	Designation
150800200-E	Fibre optic tool Bag
1509QAEA002C-E	OpDAT FAST™ Hybrid connector kit SC APC OS2 20 pieces for buffered fibres incl. tool
1509QAEO002C-E	OpDAT FAST™ Hybrid connector kit SC UPC OS2 20 pieces for buffered fibres incl. tool
1509QAJA002C-E	OpDAT FAST™ Hybrid connector kit LC APC OS2 20 pieces for buffered fibres incl. tool
1509QAJO002C-E	OpDAT FAST™ Hybrid connector kit LC UPC OS2 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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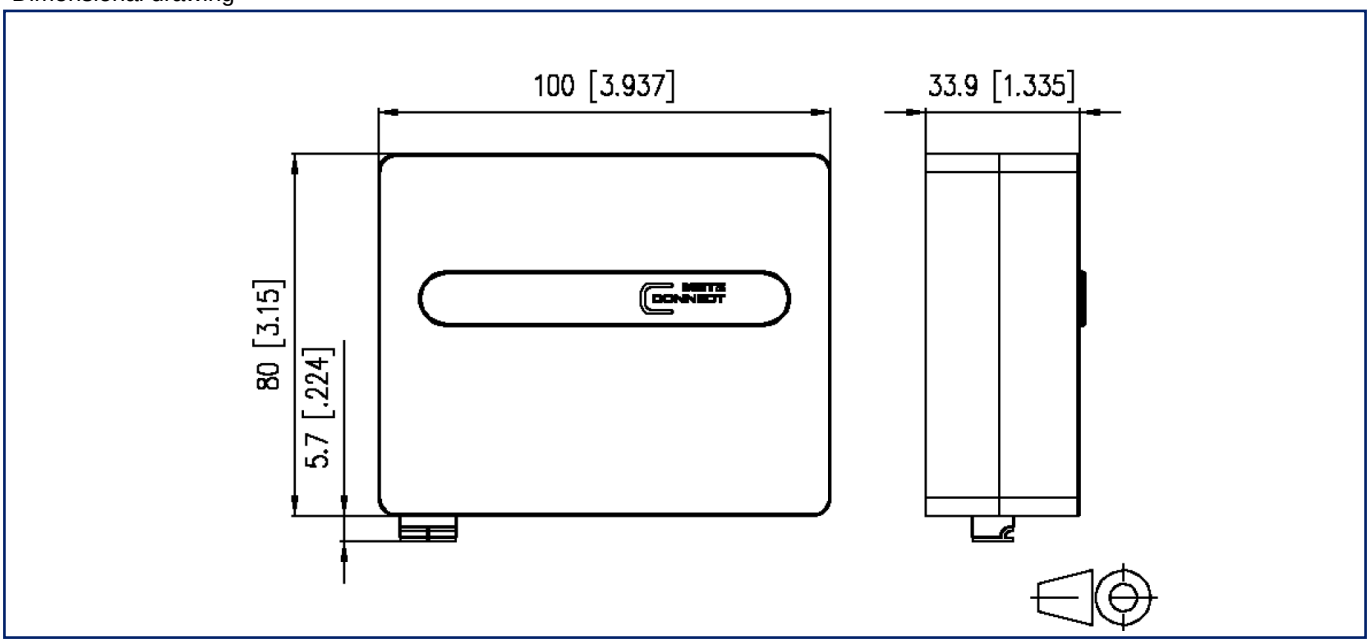
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