

Data sheet

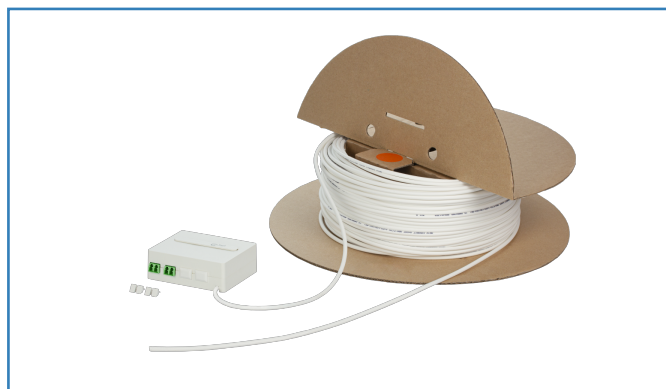
OpDAT VADT splice 4xLC APC OS2

Page 1/4

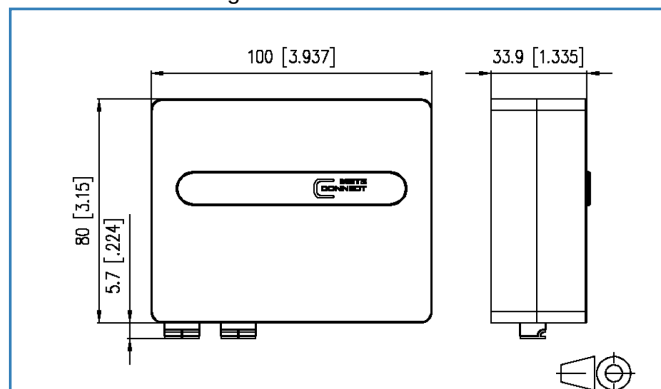
P/N
150F049HK00XXE

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



P | Cabling

Data sheet

Page 2/4

OpDAT VADT splice 4xLC APC OS2

P/N
150F049HK00XXE

2020/10/29

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	4
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



P | Cabling

Data sheet

Page 3/4

OpDAT VADT splice 4xLC APC OS2

P/N
150F049HK00XXE

2020/10/29

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



P | Cabling

Data sheet

OpDAT VADT splice 4xLC APC OS2

Page 4/4

P/N
150F049HK00XXE

2020/10/29

Illustrations

Dimensional drawing

