

Data sheet

OpDAT APL extension box splice 1xLC-D APC OS2

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P/N

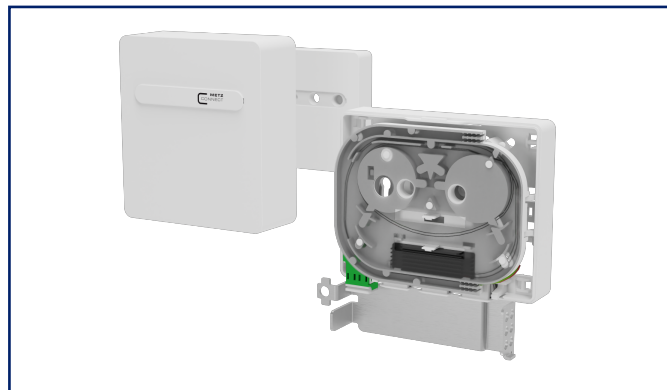
1501597G01HC

EAN 4251394656144

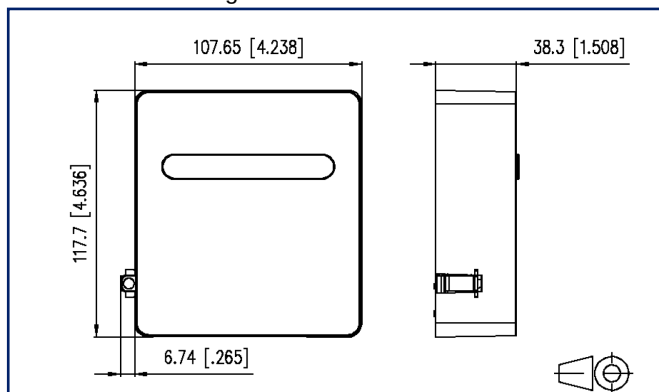
2025/06/18

Version: G

Illustrations



Dimensional drawing



See enlarged drawings at the end of document

Product specification

- compact fiber optic termination point for the FITH area
- prepared for receiving microtubes with gasblockers
- sealable or lockable by safety screw
- equipped with adapters with laser shutter and pigtails
- pigtails with single mode fiber OS2, E9/125 μm , IEC 60793-2-50 B.1.3 and B.6_a, bend insensitive according to ITU-T G.657.A1, compatible to ITU-T G.652.D
- pigtails are cleaned and plugged in adapters
- unequipped ports are closed with blind plugs
- for surface mounting and with integrated clips for rail mounting in two directions
- pivoting, removable splice tray for up to 8 shrink splice protections
- cover removable without tool
- plug direction 90°
- color of the cover parts pure white RAL 9010
- variants: equipped with SC APC, SC UPC, LC-D APC or LC-D UPC adapters and matching pigtails
- variants also available in Grade B



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Technical Data

General Data

Fields of application	structured building cabling
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	AP
Mounting style	surface mount, standard rail TH35
Transmission technology	Fiber optic
Color	pure white - RAL 9010
Dimensions	
Dimension (L x W x H)	118 mm x 108 mm x 39 mm
Dimension (L x W x H)	4.646 in. x 4.252 in. x 1.535 in.
Cable Type	pigtail(s)
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-D
Connector technology interface 2	LC-D
Number of ports interface 1	4
Number of ports interface 2	4
Number of equipped ports interface 1	1
Number of ports interface 2 equipped	1
Number of blind	3
Core diameter (min. - max.)	
Core diameter	900 µm
Core diameter	35.433 in.
Cable access/outlet	bottom



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Electrical/ optical properties

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

Mechanical data

Connector type	duplex
Life - Number of mating cycles	min. 1000

Materials and material properties

Material - Housing	ABS + PC
Material - Coupler housing	Plastics
Material - Sleeve	ceramic, slotted
Material - Ferrule	Ceramic
Material - Crimp sleeve	Al (Aluminium)
RoHS	compliant

Environmental conditions

Temperature (min. - max.)	
Temperature - Storage °C	-10 °C - 60 °C
Temperature - Storage °F	14 °F - 140 °F
Temperature - Operating °C	-10 °C - 60 °C
Temperature - Operating °F	14 °F - 140 °F
Particulate ingress	IP2X
Liquid ingress/immersion	IPX0

Classifications

ETIM 7.0	EC001409
ETIM 8.0	EC001409
ETIM 9.0	EC001409

Packing details

Type of packaging	1 pc(s) / box
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Technical Data**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. At METZ CONNECT's request, the Customer shall submit and make available meaningful evidence (e.g. test and laboratory protocols, certifications, etc.).



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Accessories

P/N	Designation
15090304-I	OpDAT splice protection cover for 6 crimp splices
15090401-E	OpDAT crimp splice protection (12 pieces)



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