

Data sheet

OpDAT Wall-mounted distributor M 12xLC-Q APC OS2 (ceramic, green)

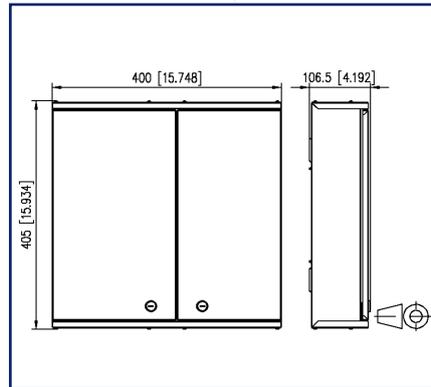
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P/N
1503397A12-C
EAN 4251394668321
2025/07/01
Version: C

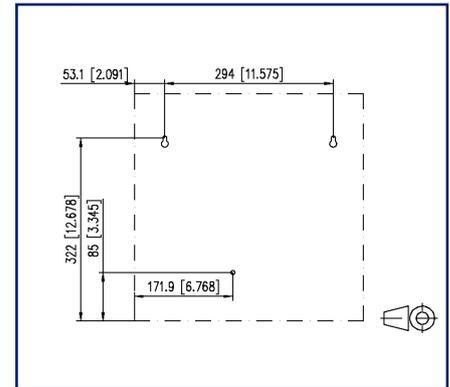
Illustrations



Dimensional drawing



Drill pattern



See enlarged drawings at the end of document

Product specification

- Fibre optic distributor for use as a house distribution point in the technical room of apartment buildings
- Surface-mounted housing with two lockable swing doors and two different locks for separation between mains and building cabling.
- Available for 6, 12, 18, 24 and 30 housing units. Each housing unit can be stored in a separate splice tray.
- Each splice tray is prepared with 4 pigtails ready for splicing.
- The front panel is equipped with up to 30 LC-Q APC Couplers. Each coupler can be assigned to a housing unit and a splice tray.
- innovative stackable cable support for up to 30 cables with max. Ø 4.5 mm
- brush strip as cable outlet for building wiring
- foam for dust-free insertion of the patch cables from the network side
- Dimensions: 405 x 400 x 107 mm

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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	Wall-mounted distributor
Mounting style	AP
Transmission technology	Fiber optic
Port numbering	yes
Color	gray
Dimensions	
Dimension (L x W x H)	106.5 mm x 400 mm x 405 mm
Dimension (L x W x H)	4.193 in. x 15.748 in. x 15.945 in.
Number of cables/ buffered fibers	48
Cable Type	pigtail(s)
Fiber class	OS2
Mode type of the fiber	Singlemode
Shape	APC (Angled Physical Contact)
Fiber construction	9/125 µm
Labeling option	label window with identification label + printed numbers

Connections/interfaces

Connector technology interface 1	LC-Q Couplers
Connector technology interface 2	LC-Q Couplers
Number of ports interface 1	30
Number of ports interface 2	30
Number of equipped ports interface 1	12
Number of ports interface 2 equipped	12
Number of ports with dust protection interface 2	12
Number of blind	18
Semi-tight buffered fiber pigtail length	2 m
Semi-tight buffered fiber pigtail diameter	900 µm
Cable access/outlet	from top or bottom



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Optical characteristics

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

Mechanical data

Cut-out	SC-D, LC-Q, ST-D
Connector type	quad

Materials and material properties

Material - Housing	sheet steel
Material - Housing finish	powder-coated
Material - Front cover	sheet steel
Material - Front cover finish	powder-coated
Material - Sleeve	ceramic, slotted
Material - Coupler housing	Plastics
Halogen free	yes
RoHS	compliant

Standards/Regulations

FO connector interfaces	IEC 61754-20
Optical fibers: Indoor optical cables	
Sectional specification for class B single-mode fibres	ISO/IEC 60793-2-50 type B.1.3 & B6_a
ITU-T standard	ITU-T G.657.A1 compatible with ITU-T G.652.D

Classifications

ETIM 7.0	EC001130
ETIM 8.0	EC001130
ETIM 9.0	EC001130
ETIM 10.0	EC001130

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
15032Z089-E	OpDAT WV rotary bolt
15033Z001-E	Cable infeed for 4xM20 for OpDAT Wall-mounted distributor M
15033Z002-E	Cable infeed for 2xM20 and 4xM2 for OpDAT Wall-mounted distributor M
15033Z003-E	Cable infeed for 3xM25 for OpDAT Wall-mounted distributor M
15033Z004-E	Cable infeed for three mounting plates VIK for OpDAT Wall-mounted distributor M
15033Z005-E	Cable infeed for patch cords for OpDAT Wall-mounted distributor M
15033Z007-E	Brush strip without single cable catch for OpDAT Wall-mounted distributor M
15036Z0201-E	OpDAT splice cassette block for 6x12 crimp splice holder
150800118-E	One-Click™- Cleaner Mini LC/MU
15081106-E	OpDAT mounting plate VIK
150811M20-E	Cable gland M20 (Clamping range 7.0 to 12.0 mm)
150811M25-E	Cable gland M25 (Clamping range 10.0 to 16.0 mm)
15090401-E	OpDAT crimp splice protection (12 pieces)
15090401-I	OpDAT crimp splice protection (150 pieces)
15090505-I	Blind cover SC-Duplex/LC-Quad/ST-Duplex black, without overhang
151P1JAJAXXE	OpDAT patch cord LC-D APC/LC-D APC OS2

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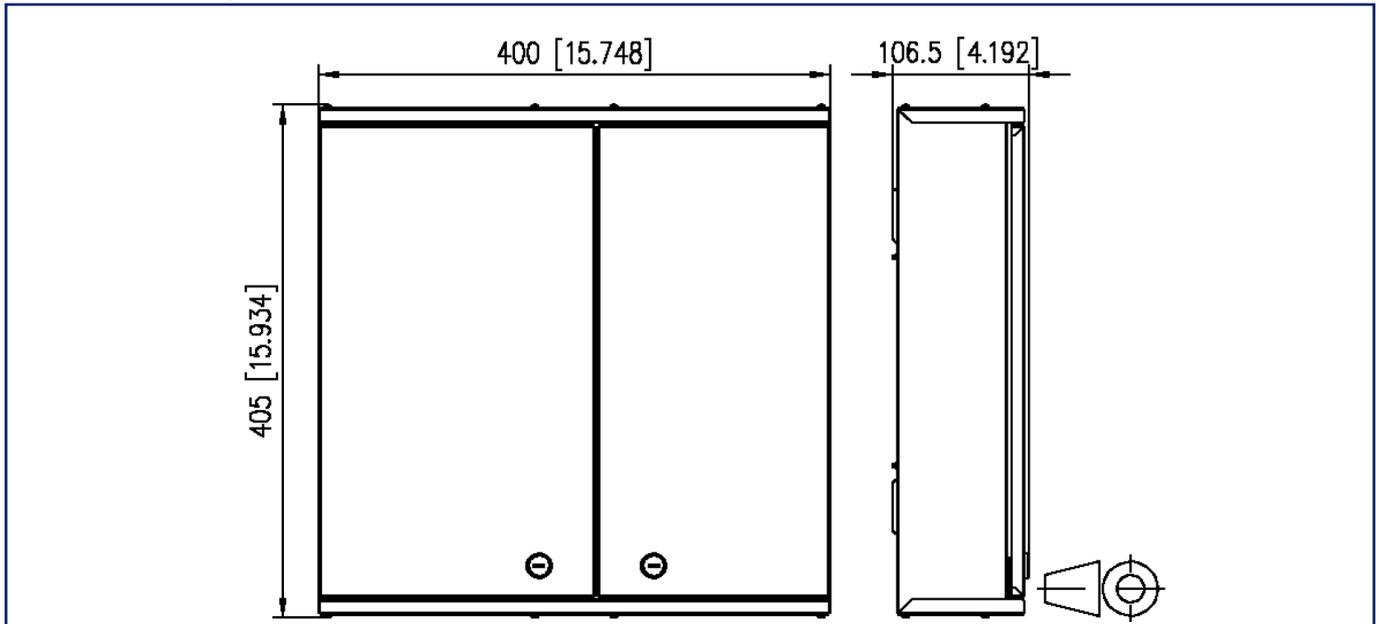
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