

P | Cabling

Data sheet

OpDAT PA patch panel splice 12xLC-D (aqua), OM3, gray

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P/N

1502257712-E

EAN 4250184166535

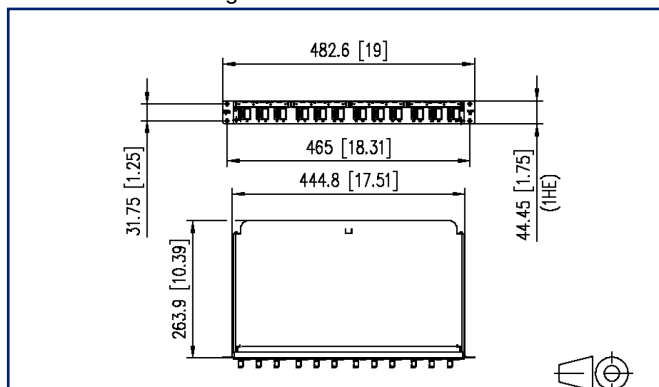
2021/09/27

Version: AC

Illustrations



Dimensional drawing



See enlarged drawings at the end of document

Product specification

- 19 inch 1RU fiber optic patch panel with pull-out splice tray / front cover (gray or black)
- equipped with LC-D adapters and LC pigtails
- pigtails with semi-tight buffered fiber dia. 0.9 mm, 12 colors, secondary and primary coating in the same color, length 2.0 m
- pigtails inserted and stripped in standard splice trays with crimp splice holders
- pigtails are cleaned and plugged in adapters
- splice tray of withdrawable patch panel tilts and is completely removable to facilitate fitting (end stop)
- light aluminum construction
- unused cutouts are closed by blank plugs
- variable cable entry (straight / inclined) from both sides possible
- cable support by supplied cable tie or optional cable gland (accessory)
- cable diameter from 3 to 20 mm
- strain relief for central element / Kevlar
- cable management by cable guides to be positioned as required
- screwless cover
- label windows for enclosed identification labels
- variants: equipped with 6, 12 or 24 LC-D adapters and pigtails, all blue (OS2), lime green (OM5), violet (OM4), aqua (OM3) or 6, 12 or 24 LC-D APC adapters and pigtails green (OS2)



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Technical Data

General Data

Fields of application

Structured building cabling, Office
Data center

Design patch panel

Mounting style 1RU

Transmission technology Fiber optic

Port numbering yes

Color aqua

Dimensions

Dimension (L x W x H) 263.9 mm x 482.6 mm x 44.45 mm

Dimension (L x W x H) 10.39 in. x 19 in. x 1.75 in.

Inches 19 inches

Height unit 1RU

Number of cables/ buffered fibers 24

Cable Type pigtail(s)

Fiber class OM3: ISO/IEC 11801/EN 50173 & IEC 60793-2-10/EN
60793-2-10 A1.a.2

Mode type of the fiber Multimode

Fiber construction 50/125 µm

Labeling option label window with identification label + printed numbers

Connections/interfaces

Connector technology interface 1 LC-D Couplers

Connector technology interface 2 LC-D Couplers

Number of ports interface 1 24

Number of ports interface 2 24

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 12

Semi-tight buffered fiber pigtail length 2 m

Semi-tight buffered fiber pigtail length 6.56 ft

Semi-tight buffered fiber pigtail diameter 0.9 mm

Semi-tight buffered fiber pigtail diameter 0.035 in.



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Connections/interfaces

Cable access/outlet	variable, straight / inclined, from both sides possible
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Optical characteristics

Insertion loss	max. 0,4 dB
Return loss	min. 35 dB

Mechanical data

Cut-out	SC, LC-D, E2000
Connector type	duplex
Life - Number of mating cycles	min. 1000
strain relief	yes

Materials and material properties

Material - Housing	Al (Aluminium)
Material - Front cover	Al (Aluminium)
Material - Sleeve	ceramic, slotted
Material - Coupler housing	Plastics
RoHS	compliant

The product meets the following standards

Optical fibers: Product specifications

Sectional specification for category A1 multimode fibres	ISO/IEC 60793-2-10 (A1a.2)
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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

Standard colours for insulation for low-frequency cables & wires	IEC 60304
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Classifications

ETIM 5.0	EC001130
ETIM 6.0	EC001130
ETIM 7.0	EC001130



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Classifications

ETIM 8.0

EC001130

Packing details

Type of packaging	1 pc(s) / box
Packaging unit - Weight (gram)	1800 g
Packaging unit - Weight (pound)	3.97 lb
Packaging dimension	523 mm x 361 mm x 45 mm
Packaging dimension	20.591 in. x 14.213 in. x 1.772 in.



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Accessories

P/N	Designation
130792	Mounting kit, cage nuts M6
1502500000-E	OpDAT PF/fix patch cord tray gray
150811M20-E	Cable gland M20 (Clamping range 7 to 12 mm)
150811M25-E	Cable gland M25
15090301-I	OpDAT splice protection cover for 12 crimp splices
15090401-E	OpDAT crimp splice protection (12 pcs)
899011-01	Label sheet for Modul patch panels / REG
899789-01	Label sheet for E-DAT C6 and E-DAT design patch panels

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