

P | Cabling

Data sheet

OpDAT PF patch panel splice
24xLC-D (violet), OM4, gray

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P/N

1502077524-E

EAN 4250184165651

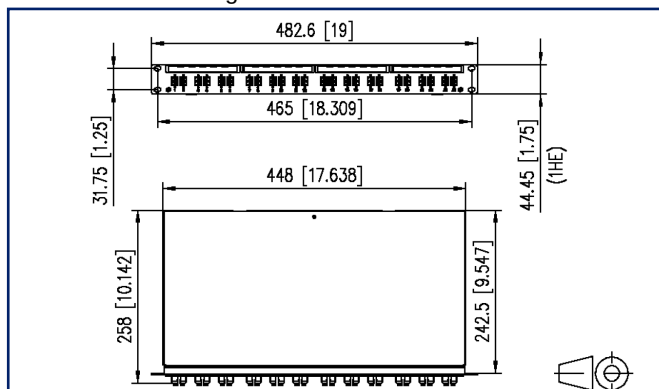
2021/09/01

Version: AH

Illustrations



Dimensional drawing



See enlarged drawings at the end of document

Product specification

- 19 inch 1RU fiber optic patch panel for fixed installation
 - 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
 - light construction with aluminum front plate (gray or black) and housing
 - unequipped cutouts are closed with blind plugs
 - removable front plate for easy adapter mounting
 - 10 possible cable entries in the rear panel for 4x PG13.5, 2x PG16/M20 or 2x PG21/M25 cable glands and for two pre-terminated installation cables (VIK)
 - snap-on cover for easy access during service work
 - label window for enclosed identification labels
 - supplied with one PG16 cable gland
-
- variants: equipped with 6, 12 or 24 LC-D adapters and pigtails, all blue (OS2), 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	violet
Dimensions	
Dimension (L x W x H)	258 mm x 482.6 mm x 44.45 mm
Dimension (L x W x H)	10.157 in. x 19 in. x 1.75 in.
Inches	19 inches
Height unit	1RU
Number of cables/ buffered fibers	48
Cable Type	pigtail(s)
Fiber class	OM4: ISO/IEC 11801/EN 50173 & IEC 60793-2-10/EN 60793-2-10 A1.a.3
Mode type of the fiber	Multimode
Shape	PC (Physical Contact)
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	24
Number of ports interface 2 equipped	24
Number of ports with dust protection interface 2	24
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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Technical Data

Connections/interfaces

Cable access/outlet several possibilities for cable entry on the back

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.3)

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

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)	2150 g
Packaging unit - Weight (pound)	4.74 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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