

Data sheet

OpDAT PF patch panel splice 12xLC-D (blue), OS2, gray

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P/N

1502097412-E

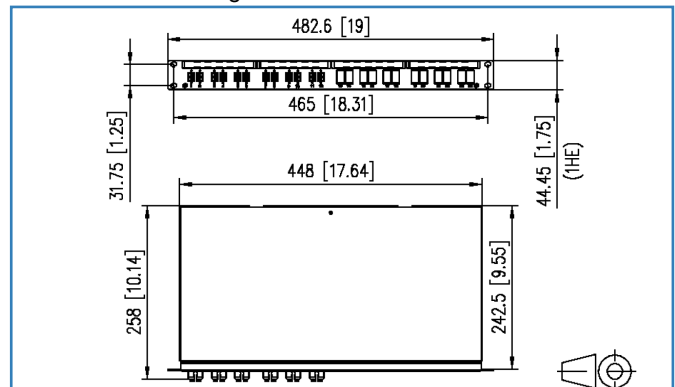
EAN 4250184175810

2018-27-02

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

Office
Data center

Design patch panel

Mounting style 1RU

Transmission technology Fiber optic

Port numbering yes

Color blue

Dimensions

Dimension (L x W x H) 258.00 x 482.60 x 44.45 mm

Dimension (W x H) 19.00 x 1.75 in.

Inches 19 inches

Height unit 1RU

Number of cables/ cores 24

Cable Type pigtail(s)

Fiber class OS2: IEC 60793-2-50 B6_a, B6_b & ITU-T G.657.A, G.652.D

Mode type of the fiber Single mode

Fiber construction 9/125 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 covers interface 2 12

Semi-tight buffered fiber pigtail length 2.00 m

Semi-tight buffered fiber pigtail length 6.56 ft

Semi-tight buffered fiber pigtail diameter 0.90 mm

Semi-tight buffered fiber pigtail diameter 0.035 in.

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



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Technical Data

Optical characteristics

Insertion loss	max. 0.3 dB
Return loss	min. 50 dB

Mechanical characteristics

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

Approvals

RoHS	compliant
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The product meets the following standards

Fibre optic connector interfaces	DIN EN 61754-20
Optical fibers: Indoor optical cables	
Sectional specification for class B single-mode fibres	ISO/IEC 60793-2-50 type B6_a/B6_b
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
ITU-T standard	ITU-T G.657.A compatible with ITU-T G.652.D



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Technical Data

Classifications

ETIM 5.0	EC001130
ETIM 6.0	EC001130

Packing details

Type of packaging	1 pc(s) / box
Packaging unit - Weight (gram)	1560.00 g
Packaging unit - Weight (pound)	3.44 lb
Packaging dimension (W x H x D)	523.00 x 361.00 x 45.00 mm
Packaging dimension (W x H x D)	20.591 x 14.213 x 1.772 in.



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Accessories

P/N	Designation
899789-01	Label sheet for E-DAT C6 and E-DAT design patch panels



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