

P | Cabling

Data sheet

OpDAT PF patch panel splice
24xLC-D APC (green), OS2, gray

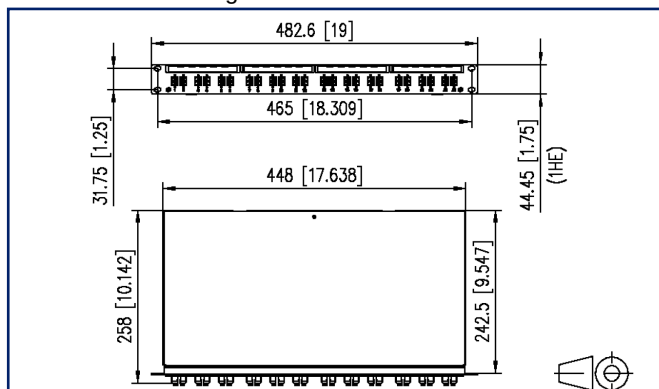
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P/N
1502097624-E
EAN 4250184165637
 2021/09/27
 Version: AE

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
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- 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	green
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	OS2: IEC 60793-2-50 B6_a, B6_b & ITU-T G.657.A, G.652.D
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-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
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Optical characteristics

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

Fibre optic connector interfaces	IEC 61754-20
Optical fibers: Indoor optical cables	
Sectional specification for classÂ 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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Classifications

ETIM 5.0	EC001130
ETIM 6.0	EC001130
ETIM 7.0	EC001130
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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