

P | Cabling

Data sheet

OpDAT fix patch panel splice 12xSC-D (blue), OS2, gray

Page 1/6

P/N

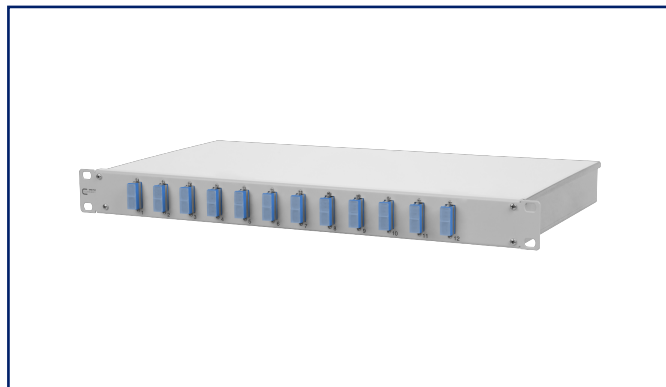
150259E212-F

EAN 4251394616445

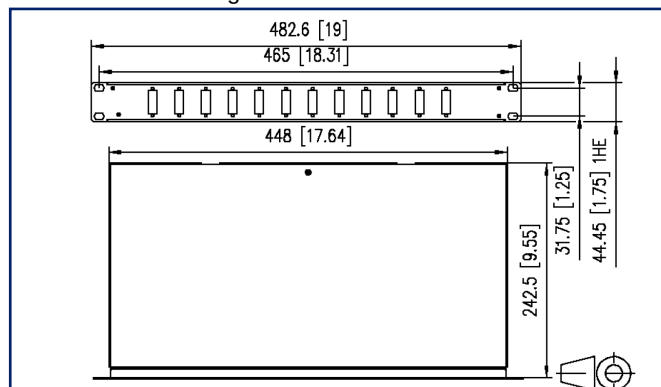
2021/08/19

Version: A

Illustrations



Dimensional drawing



See enlarged drawings at the end of document

Product specification

- 19 inches, 1RU fiber optic patch panel for fixed installation
- equipped with SC-D-adapters and SC-pigtails
- pigtails with compact loose tube fiber with dia 0.9 mm, 12 colors, secondary and primary coating same color, length 2.0 m
- pigtails inserted and stripped in crimp splice holders in standard splice trays
- pigtails are cleaned and plugged in adapters
- light aluminium construction with steel plate front panel (gray or black)
- unequipped ports are closed with blind plugs
- removable front plate for easy adapter mounting
- screwed on cover for easy access during service work
- several possibilities for cable entry on the back (fastening with PG13.5, PG16 and PG21 or M20 and M25)
- supplied with one M20 cable gland
- variants: equipped with 6, 12 SC-D adapters and pigtails, all blue (OS2), limegreen (OM5), violet (OM4), aqua (OM3) or 6, 12 SC-D APC adapters und pigtails green (OS2)



P | Cabling

Data sheet

Page 2/6

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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	blue
Dimensions	
Dimension (L x W x H)	242.5 mm x 482.6 mm x 44.45 mm
Dimension (L x W x H)	9.547 in. x 19 in. x 1.75 in.
Inches	19 inches
Height unit	1RU
Installation depth	243 mm
Installation depth	9.567 in.
Number of cables/ buffered fibers	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	Singlemode
Shape	UPC (Ultra Physical Contact)
Fiber construction	9/125 µm
Labeling option	printed numbers

Connections/interfaces

Connector technology interface 1	SC-D Couplers
Connector technology interface 2	SC-D Couplers
Number of ports interface 1	12
Number of ports interface 2	12
Number of equipped ports interface 1	12
Number of ports interface 2 equipped	12
Number of ports with dust protection interface 2	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.
Cable access/outlet	several possibilities for cable entry on the back



P | Cabling

Data sheet

Page 3/6

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Optical characteristics	
Insertion loss	max. 0,3 dB
Return loss	min. 50 dB
Mechanical data	
Cut-out	SC-D, LC-Q, ST-D
Connector type	duplex
Life - Number of mating cycles	min. 1000
strain relief	yes
Materials and material properties	
Material - Housing	Al (Aluminium)
Material - Front cover	sheet steel
Material - Sleeve	ceramic, slotted
Material - Coupler housing	Plastics
RoHS	compliant
The product meets the following standards	
Fibre optic connector interfaces	IEC 61754-4
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
Classifications	
ETIM 7.0	EC001130
ETIM 8.0	EC001130
Packing details	
Type of packaging	1 pc(s) / box
Packaging unit - Weight (gram)	2012 g
Packaging unit - Weight (pound)	4.44 lb

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Page 4/6

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Packing details

Packaging dimension	580 mm x 405 mm x 70 mm
Packaging dimension	22.835 in. x 15.945 in. x 2.756 in.



P | Cabling

Data sheet

Page 5/6

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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)

P | Cabling

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Page 6/6

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