

Data sheet

**OpDAT fix patch panel splice
6xST-D (metal), OS2, gray**

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P/N

150259D106-E

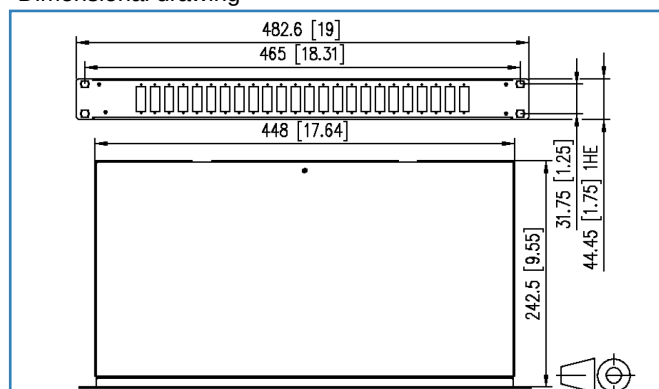
EAN 4250184127017

2017-20-12

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 ST-D adapters and ST 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 aluminum construction with steel sheet front plate painted in RAL 7035
- unoccupied recesses are closed with blind plugs
- removable front plate for easy adapter mounting
- screwed on cover for easy access during service work
- installation depth 240 mm (without cable gland and adapters)
- several possibilities for cable entry on the back (fastening with PG13.5, PG16 and PG21 or M20 and M25)
- supplied with one PG16 cable gland
- Variants: equipped with 6, 12 or 24 ST-D adapters and pigtails each made of metal (OS2, OM4 oder OM4)



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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	metallike
Dimensions	
Dimension (L x W x H)	242.50 x 482.60 x 44.45 mm
Dimension (L x W x H)	9.547 x 19.00 x 1.75 in.
Inches	19 inches
Height unit	1RU
Installation depth	243.00 mm
Number of cables/ cores	12
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	printed numbers

Connections/interfaces

Connector technology interface 1	ST-D Couplers
Connector technology interface 2	ST-D Couplers
Number of ports interface 1	24
Number of ports interface 2	24
Number of equipped ports interface 1	6
Number of ports interface 2 equipped	6
Number of ports with dust protection interface 2	6
Number of blind covers interface 2	18
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-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	metal

Approvals

RoHS	compliant
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The product meets the following standards

Fibre optic connector interfaces	DIN EN 61754-2
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
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