

P | Cabling

Data sheet

OpDAT fix patch panel splice 24xST-D OS2

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P/N

150259D124-E

EAN 4250184127031

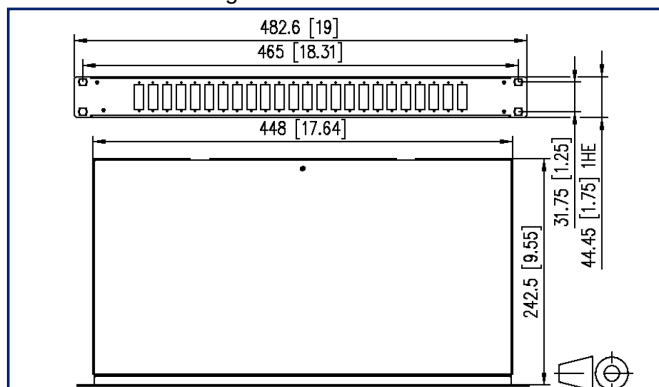
2023/08/01

Version: AF

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 (gray or black)
- unoccupied recesses 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 or 24 ST-D adapters and pigtails each made of metal (OS2, OM4 oder OM3)



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Technical Data

General Data

Fields of application	structured building cabling office areas data center
Mechanical measurement according to MICE	M1
Ingress measurement according to MICE	I1
Climatic measurement according to MICE	C1
Electromagnetic measurement according to MICE	E3
Design	patch panel
Mounting style	1RU
Transmission technology	Fiber optic
Port numbering	yes
Color	metallike
Dimensions	
Dimension (L x W x H)	244.5 mm x 482.6 mm x 44.45 mm
Dimension (L x W x H)	9.626 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	48
Cable Type	pigtail(s)
Fiber class	OS2
Mode type of the fiber	Singlemode
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	24
Number of ports interface 2 equipped	24
Number of ports with dust protection interface 2	24



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Connections/interfaces

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

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
Halogen free	yes
RoHS	compliant

Standards/Regulations

FO connector interfaces	IEC 61754-2
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 - Insertion loss	IEC 61300-3-4
Fibre optic interconnecting devices and passive components - Return loss	IEC 61300-3-6
Fibre optic interconnecting devices and passive components - Visual inspection of plug end face	IEC 61300-3-35
Standard colours for insulation for low-frequency cables & wires	IEC 60304



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Standards/Regulations

ITU-T standard ITU-T G.657.A compatible with ITU-T G.652.D

Classifications

ETIM 5.0	EC001130
ETIM 6.0	EC001130
ETIM 7.0	EC001130
ETIM 8.0	EC001130
ETIM 9.0	EC001130

Packing details

Type of packaging	1 pc(s) / box
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 7.0 to 12.0 mm)
150811M25-E	Cable gland M25 (Clamping range 10.0 to 16.0 mm)
15090301-I	OpDAT splice protection cover for 12 crimp splices
15090401-E	OpDAT crimp splice protection (12 pieces)



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