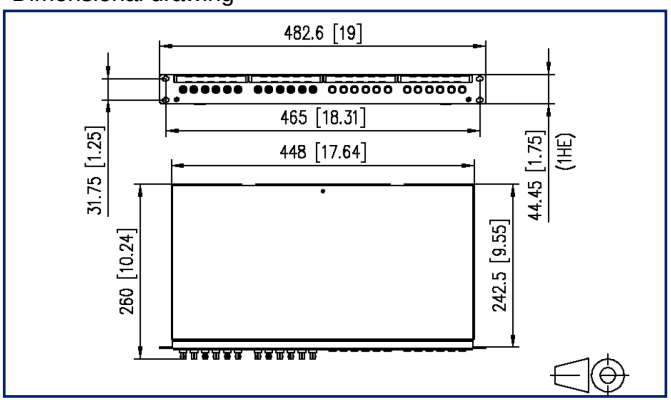
Data sheet

OpDAT PF patch panel splice 12xST-S (metal), OM3, gray

P/N
1502050112-E
EAN 4250184168867
2021/08/31
Version: AD

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 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 tray with crimp splice holders
- pigtails are cleaned and inserted into 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 windows for enclosed identification labels
- supplied with one PG16 cable gland

- variants: equipped with 12 or 24 ST adapters and pigtails, metallike (OS2, OM4 or OM3)

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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	metallike
Dimensions	
Dimension (L x W x H)	260 mm x 482.6 mm x 44.45 mm
Dimension (L x W x H)	10.236 in. x 19 in. x 1.75 in.
Inches	19 inches
Height unit	1RU
Number of cables/ buffered fibers	12
Cable Type	pigtail(s)
Fiber class	OM3: ISO/IEC 11801/EN 50173 & IEC 60793-2-10/EN 60793-2-10 A1.a.2
Mode type of the fiber	Multimode
Fiber construction	50/125 µm
Labeling option	label window with identification label + printed numbers

Connections/interfaces

Connector technology interface 1	ST-S Couplers
Connector technology interface 2	ST-S 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	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.

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Technical Data

Connections/interfaces	
Cable access/outlet	several possibilities for cable entry on the back
Optical characteristics	
Insertion loss	max. 0,4 dB
Return loss	min. 35 dB
Mechanical data	
Cut-out	ST
Connector type	simplex
Life - Number of mating cycles	min. 2000
strain relief	yes
Materials and material properties	
Material - Housing	Al (Aluminium)
Material - Front cover	Al (Aluminium)
Material - Sleeve	ceramic, slotted
Material - Coupler housing	GD-Zn (zinc die-cast)
RoHS	compliant
The product meets the following standards	
Optical fibers: Product specifications	
Sectional specification for category A1 multimode fibres	ISO/IEC 60793-2-10 (A1a.2)
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
Classifications	
ETIM 5.0	EC001130
ETIM 6.0	EC001130
ETIM 7.0	EC001130

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Technical Data

Classifications

ETIM 8.0	EC001130

Packing details

Type of packaging	1 pc(s) / box
Packaging unit - Weight (gram)	2075 g
Packaging unit - Weight (pound)	4.57 lb
Packaging dimension	540 mm x 380 mm x 60 mm
Packaging dimension	21.26 in. x 14.961 in. x 2.362 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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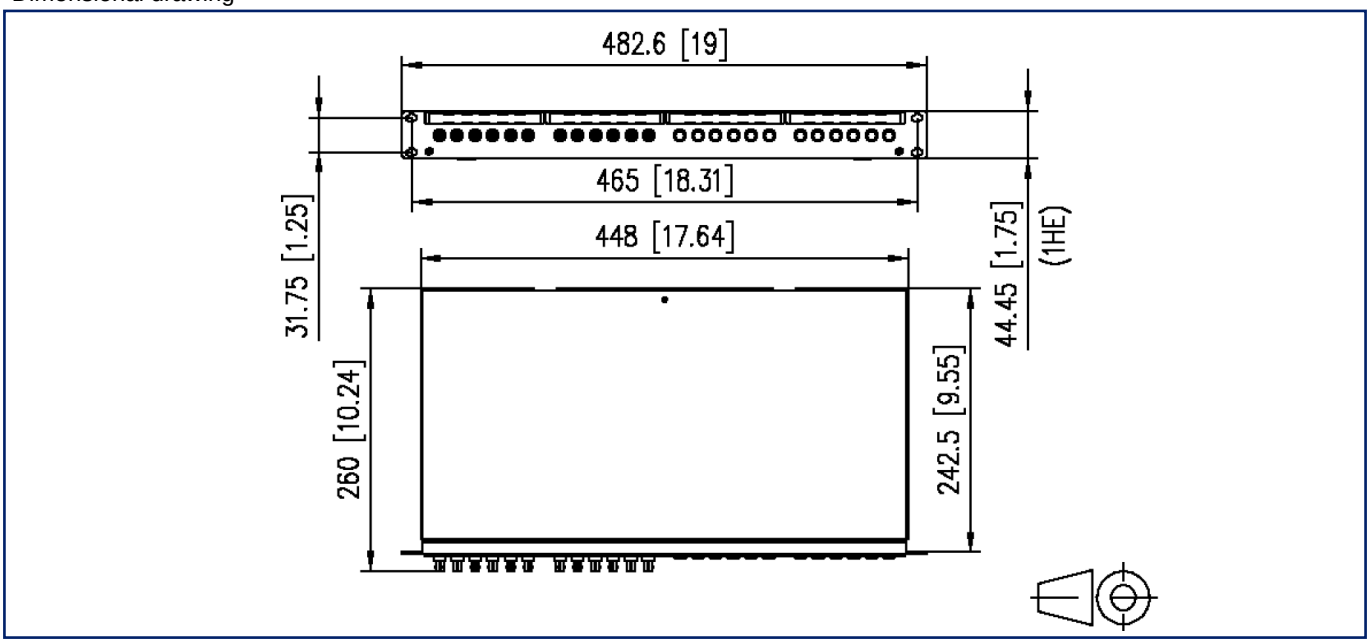

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