

P | Cabling

Data sheet

**OpDAT PF patch panel splice
12xSC-D (metal), OM2, gray**

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P/N

1502025212-E

EAN 4250184108399

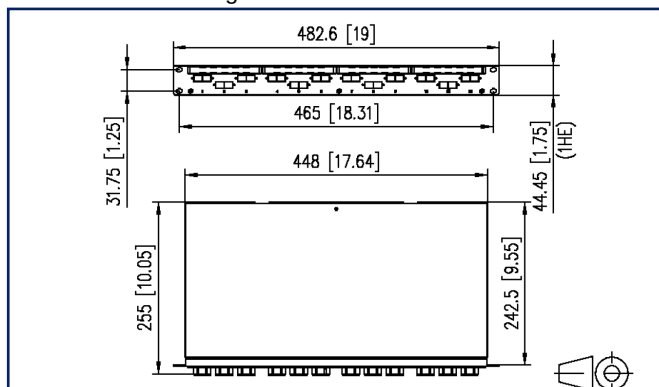
2021/08/31

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 SC-D adapters and SC 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 6 or 12 SC-D adapters and pigtails blue (OS2), violet (OM4), aqua (OM3) or 6 or 12 SC-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 metallike

Dimensions

Dimension (L x W x H) 255 mm x 482.6 mm x 44.45 mm

Dimension (L x W x H) 10.039 in. x 19 in. x 1.75 in.

Inches 19 inches

Height unit 1RU

Number of cables/ buffered fibers 24

Cable Type pigtail(s)

Fiber class OM2: ISO/IEC 11801/EN 50173 & IEC 60793-2-10/EN
60793-2-10 A1.a.1

Mode type of the fiber Multimode

Shape PC (Physical Contact)

Fiber construction 50/125 µm

Labeling option label window with identification label + 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.



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Connections/interfaces

Cable access/outlet	several possibilities for cable entry on the back
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Optical characteristics

Insertion loss	max. 0,4 dB
Return loss	min. 35 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	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.1)

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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Classifications

ETIM 8.0

EC001130

Packing details

Type of packaging	1 pc(s) / box
Packaging unit - Weight (gram)	2270 g
Packaging unit - Weight (pound)	5 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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