

P | Cabling

Data sheet

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

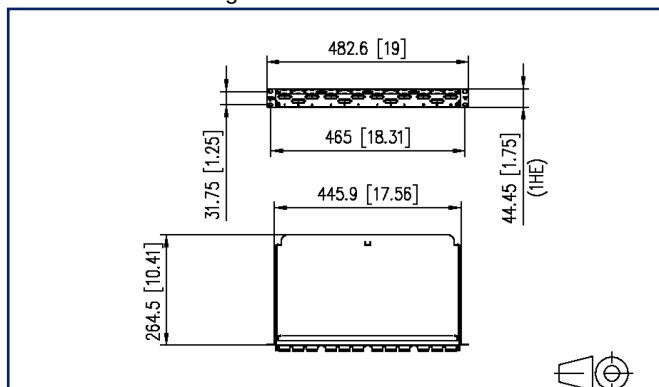
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P/N
150229D212-E
 EAN **4250184166597**
 2021/09/28
 Version: AB

Illustrations



Dimensional drawing



See enlarged drawings at the end of document

Product specification

- 19 inch 1RU fiber optic patch panel with pull-out splice tray / front cover (gray or black)
- 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 trays with crimp splice holders
- pigtails are cleaned and plugged in adapters
- splice tray can be tilted and completely removed to facilitate fitting (end stop)
- light aluminum construction
- unused cutouts are closed by blank plugs
- variable cable entry (straight / inclined) from both sides possible
- cable arrest with supplied cable tie or optional cable screw connection also possible.
- cable diameter from 3 to 20 mm
- strain relief for central element / Kevlar
- cable management by cable guides to be positioned as required
- screwless cover
- label windows for enclosed identification labels
- variants: equipped with 6, 12 or 24 SC-D adapters and pigtails, all blue (OS2), lime green (OM5), violet (OM4), aqua (OM3) or 6, 12 or 24 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/blue
Dimensions	
Dimension (L x W x H)	264.5 mm x 482.6 mm x 44.45 mm
Dimension (L x W x H)	10.413 in. x 19 in. x 1.75 in.
Inches	19 inches
Height unit	1RU
Installation depth	265 mm
Installation depth	10.433 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
Fiber construction	9/125 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



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Connections/interfaces

Semi-tight buffered fiber pigtail diameter	0.035 in.
Cable access/outlet	variable, straight / inclined, from both sides possible

Optical characteristics

Insertion loss	max. 0,4 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	Al (Aluminium)
Material - Sleeve	ceramic, slotted
Material - Coupler housing	metal
RoHS	compliant

The product meets the following standards

Optical fibers: Indoor optical cables

Sectional specification for classÂ B single-mode fibres	ISO/IEC 60793-2-50 type B6_a/B6_b
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Optical fibers - Interconnecting devices and passive components - basic test and measuring methods

Fibre optic interconnecting devices and passive components	IEC 61300-3-4
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Fibre optic interconnecting devices and passive components	IEC 61300-3-6
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Fibre optic interconnecting devices and passive components	IEC 61300-3-35
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Standard colours for insulation for low-frequency cables & wires	IEC 60304
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ITU-T standard	ITU-T G.657.A compatible with ITU-T G.652.D
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Classifications

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

Packing details

Type of packaging	1 pc(s) / box
Packaging unit - Weight (gram)	2380 g
Packaging unit - Weight (pound)	5.25 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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