P | Cabling

METZ CONNECT
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Data sheet
OpDAT slide R patch panel splice
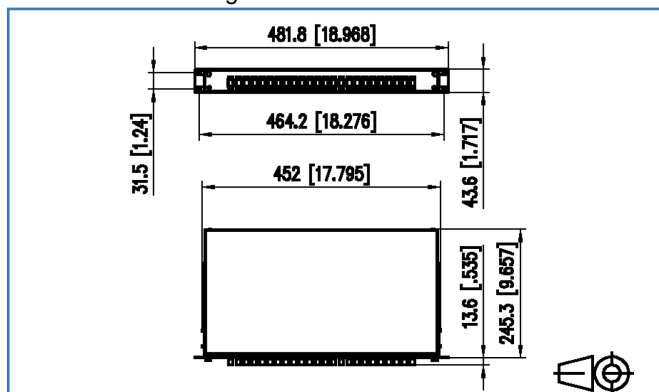## 24xLC-D (violet), OM4, gray

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)
- for high mechanical stresses
- equipped with LC-D adapters and LC 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)
- unused cutouts are closed by blank plugs
- Fixation with captive knurled screws
- 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)
- one M20 mounting kit is included in delivery
- variants: equipped with 6, 12 or 24 LC-D adapters and pigtails, all blue (OS2), lime green (OM5), heather violet (OM4), aqua (OM3) or 6, 12 or 24 LC-D APC adapters and pigtails, all 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	violet
Dimensions	
Dimension (L x W x H)	256.9 mm x 481.8 mm x 43.6 mm
Dimension (L x W x H)	10.192 in. x 18.968 in. x 1.717 in.
Inches	19 inches
Height unit	1RU
Installation depth	244 mm
Installation depth	9.606 in.
Number of cables/ cores	48
Cable Type	pigtail(s)
Mode type of the fiber	Multimode
Fiber construction	50/125 µm
Labeling option	printed numbers

Connections/interfaces

Connector technology interface 1	LC-D Couplers
Connector technology interface 2	LC-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
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

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Mechanical characteristics

Connector type	duplex
strain relief	yes

Materials and material properties

Material - Housing	Al (Aluminium)
Material - Front cover	sheet steel
Material - Front cover finish	powder-coated
Material - Sleeve	ceramic, slotted
Material - Coupler housing	Plastics
RoHS	compliant

The product meets the following standards

Fibre optic connector interfaces	IEC 61754-20
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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