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METZ CONNECT
We realize ideas

Data sheet
OpDAT fix patch panel splice
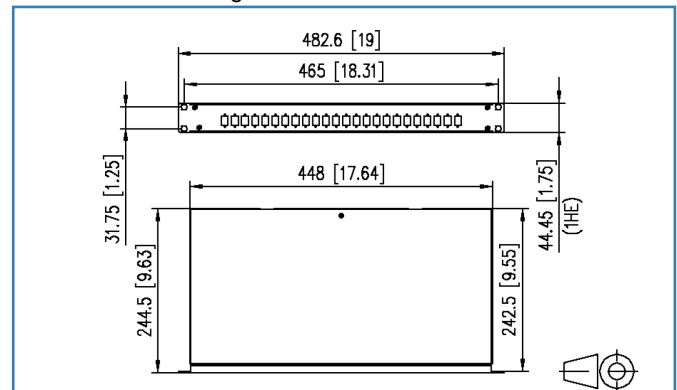## 12xLC-D (lime green), OM5, gray

P/N
1502587M12-E
EAN 4251394607108

2017-20-12

Illustrations

Dimensional drawing

482.6 [19]
465 [18.31]
448 [17.64]
31.75 [1.25]
244.5 [9.63]
242.5 [9.55]
44.45 [1.75] (1HE)

See enlarged drawings at the end of document

Product specification

- 19 inch 1RU fiber optic patch panel for fixed installation

- 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

- light aluminum construction with steel sheet front plate painted in RAL 7035

- unused cutouts are closed by blank 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 PG16 cable gland

- Variants: equipped with 6, 12 or 24 LC-D adapters and pigtails, all blue (OS2), lime green (OM5), violet (OM4), aqua (OM3) or with 6, 12 or 24 LC-D APC adapters and pigtails, all green (OS2)

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Technical Data

General Data

Fields of application	
	Office
	Data center
Design	patch panel
Mounting style	1RU
Transmission technology	Fiber optic
Port numbering	yes
Color	lime green
Dimensions	
Dimension (L x W x H)	244.50 x 482.60 x 44.45 mm
Dimension (L x W x H)	9.626 x 19.00 x 1.75 in.
Inches	19 inches
Height unit	1RU
Installation depth	243.00 mm
Number of cables/ cores	24
Cable Type	pigtail(s)
Fiber class	OM5: ISO/IEC 11801/EN 50173 & IEC 60793-2-10/EN 60793-2-10 A1.a.4
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	12
Number of ports interface 2 equipped	12
Number of ports with dust protection interface 2	12
Number of blind covers interface 2	12
Semi-tight buffered fiber pigtail length	2.00 m
Semi-tight buffered fiber pigtail length	6.56 ft
Semi-tight buffered fiber pigtail diameter	0.90 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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Optical characteristics

Insertion loss	max. 0.4 dB
Return loss	min. 35 dB

Mechanical characteristics

Cut-out	SC, LC-D, E2000
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

Approvals

RoHS	compliant

The product meets the following standards

Fibre optic connector interfaces	DIN EN 61754-20
Optical fibers: Product specifications	
Sectional specification for category A1 multimode fibres	ISO/IEC 60793-2-10 (A1a.4)
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

Packing details

Type of packaging	1 pc(s) / box

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