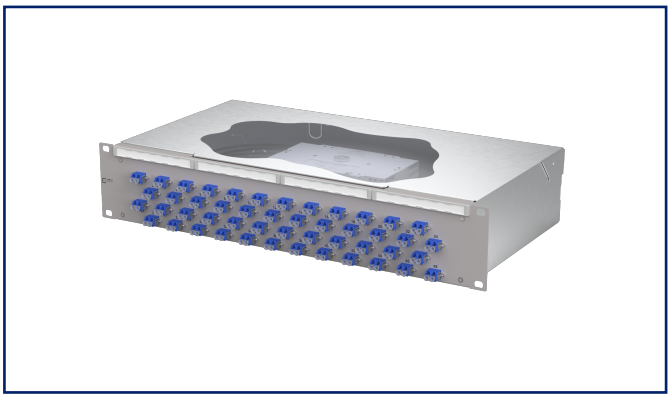
Data sheet

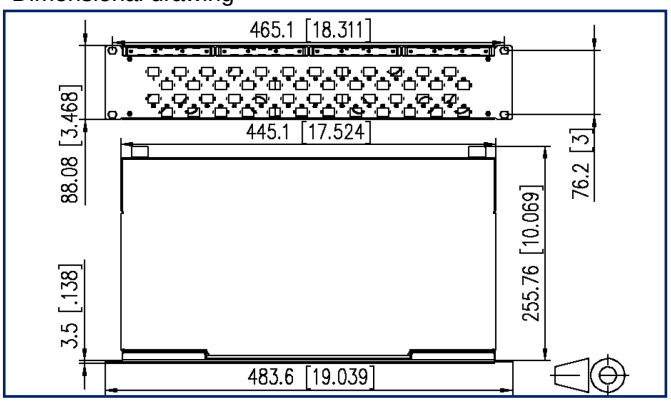
OpDAT fix^2 patch panel splice 48xLC-D OS2 gray

P/N 1504897448-E
EAN 4251394678580
2026/10/21
Version: F

Illustrations



Dimensional drawing



See enlarged drawings at the end of document

Product specification

- 19-inch, 2RU patch panel for fixed installation
- Equipped with 48xLC-D couplers and 96xLC OS2 pigtails
- Offset coupler arrangement for easy handling
- Pigtails inserted and set down in standard splice cassette with crimp splice holders
- Pigtails cleaned and inserted into coupler
- color coding according to IEC 60304
- Front panel with labelling field
- Front panel powder-coated in gray RAL 7035
- Tool-free opening of the cover
- Several possibilities for cable entry on the back: 6xM20; 2xM25; 2xPrefab installation cut-outs

© 2026 METZ CONNECT - Technische Änderungen vorbehalten! Subject to modifications! Sous réserve de modifications techniques!

OpDAT fix² patch panel splice 48xLC-D OS2 gray

P/N 1504897448-E
EAN 4251394678580
2026/10/21
Version: F

Technical Data

General Data

Fields of application	data center office areas structured building cabling interior Distributed building services
Design	Fixed installation
Mounting style	screwable
Transmission technology	Fiber optic
Port numbering	yes
Color housing	metal
Color front plate	RAL 7035 - light gray
Adapter color	blue
Dimensions	
Dimension (L x W x H)	259 mm x 483 mm x 88 mm
Dimension (L x W x H)	10.197 in. x 19.016 in. x 3.465 in.
Inches	19 inches
Height unit	2RU
Installation depth	256 mm
Installation depth	10.079 in.
Cable Type	pigtail(s)
Fiber class	OS2
Mode type of the fiber	Singlemode
Shape	UPC (Ultra Physical Contact)
Fiber construction	9/125 µm
Labeling option	label strip / labeling strip

Connections/interfaces

Adapter type	LC-D
Adapter interface outside	LC-D
Adapter interface inside	LC-D
Number of adapters	48
Number of breakouts front panel	48
Cable access/outlet	several possibilities for cable entry on the back

© 2026 METZ CONNECT - Technische Änderungen vorbehalten! Subject to modifications! Sous réserve de modifications techniques!

OpDAT fix² patch panel splice 48xLC-D OS2 gray

P/N 1504897448-E
EAN 4251394678580
2026/10/21
Version: F

Technical Data

Optical characteristics	
Insertion loss	max. 0,3 dB
Return loss	min. 50 dB
Mechanical data	
Cut-out	SC-S/LC-D/E2000-S
Connector type	duplex
Life - Number of mating cycles	min. 1000
strain relief	optional
Materials and material properties	
Material - Housing	sheet steel
Material - Housing finish	Zn (zinc)
Material - Front cover	sheet steel
Material - Front cover finish	powder-coated
Material - Sleeve	ceramic, slotted
Material - Coupler housing	Plastics
RoHS	compliant, certificate see further information
REACH	compliant, 7439-92-1 – lead
Standards/Regulations	
FO connector interfaces	LC - IEC 61754-20
Fiber standard	ISO/IEC 60793-2-50 (B6_a1) | ITU-T G.657.A1
Optical fibers - Interconnecting devices and passive components - basic test and measuring methods	
Fibre optic interconnecting devices and passive components - Insertion loss	IEC 61300-3-4
Fibre optic interconnecting devices and passive components - Return loss	IEC 61300-3-6
Fibre optic interconnecting devices and passive components - Visual inspection of plug end face	IEC 61300-3-35
Color coding fiber/ wire(s)	IEC 60304 /VDE 0888
Classifications	
ETIM 8.0	EC001130
ETIM 9.0	EC001130
ETIM 10.0	EC001130

© 2026 METZ CONNECT - Technische Änderungen vorbehalten! Subject to modifications! Sous réserve de modifications techniques!

OpDAT fix^2 patch panel splice 48xLC-D OS2 gray

P/N 1504897448-E
EAN 4251394678580
2026/10/21
Version: F

Technical Data

Packing details

Type of packaging	1 pc(s) / box

Application note

This product is a standard product of METZ CONNECT. METZ CONNECT is not aware of the specific intended use of the goods by the Customer or any customers of the Customer. The Customer guarantees that it has fully and sufficiently tested the use of the goods and any product modifications, product changes or product enhancements with regard to the specific intended use in accordance with the state of the art or in any other way.

© 2026 METZ CONNECT - Technische Änderungen vorbehalten! Subject to modifications! Sous réserve de modifications techniques!

OpDAT fix^2 patch panel splice 48xLC-D OS2 gray

P/N 1504897448-E
EAN 4251394678580
2026/10/21
Version: F

Accessories

P/N	Designation
150240M20Z-E	OpDAT strain relief M20
150240M25Z-E	OpDAT strain relief M25
150240Z20Z-E	OpDAT strain relief for M20
1509010000-E	OpDAT splice tray for 12 splices, unequipped
1509010000-I	OpDAT splice tray for 12 splices, unequipped (10 pieces)
1509010001-E	OpDAT splice tray with 1 crimp protection cover
1509010002-E	OpDAT splice tray with 2 splice protection cover
15090200-E	OpDAT cover for splice tray
15090200-I	OpDAT cover for splice tray (10 pieces)

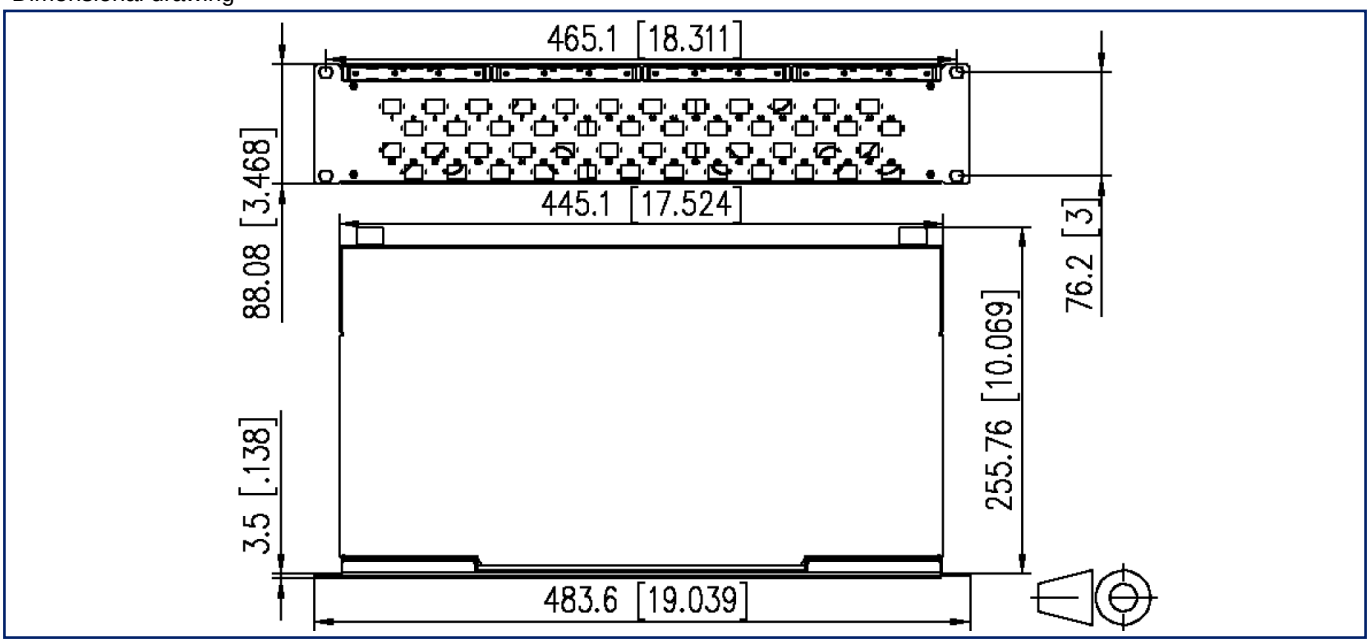
© 2026 METZ CONNECT - Technische Änderungen vorbehalten! Subject to modifications! Sous réserve de modifications techniques!

OpDAT fix^2 patch panel splice 48xLC-D OS2 gray

P/N 1504897448-E
EAN 4251394678580
2026/10/21
Version: F

Illustrations

Dimensional drawing



© 2026 METZ CONNECT - Technische Änderungen vorbehalten! Subject to modifications! Sous réserve de modifications techniques!