

Data sheet

E-DAT C6 48 Port patch panel coupler 1RU

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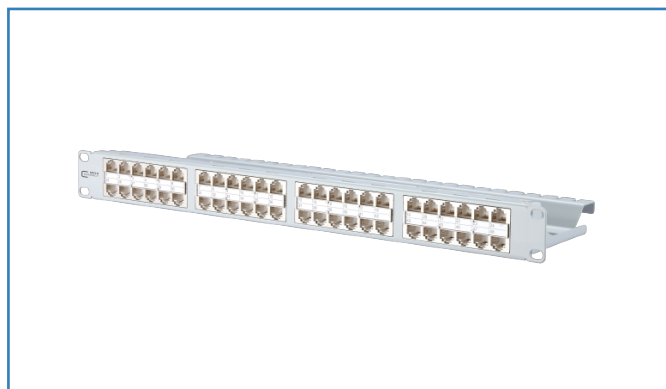
P/N

130859-E

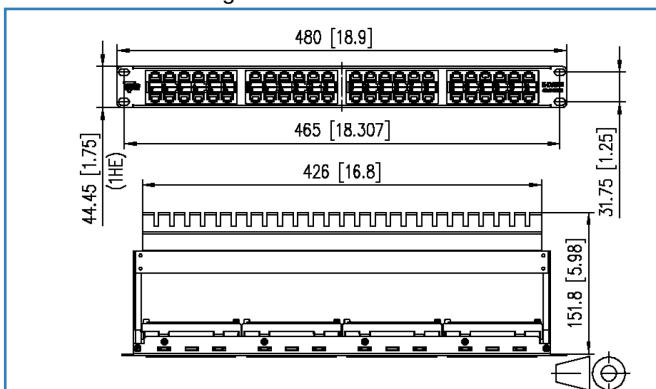
EAN 4250184118213

2018-30-01

Illustrations



Dimensional drawing



See enlarged drawings at the end of document

Product specification

- 19 inch 1RU; compact patch panel with 48 feed-through couplers
- Cat.6 12 C tested up to 250 MHz; EN 55022-B
- compliance with class E to ISO/IEC 11801 Ed.2.2:2011-06, DIN EN 50173-1:2011-09
- suitable for Gigabit Ethernet
- suitable for Remote Powering (PoE, PoE plus and UPoE) and HDBaseT
- zinc die-cast housing; 4 coupler blocks with 12 couplers each with individual grounding
- 8-pole connection
- label window for identification labels
- identification labels incl. port numbering included in delivery
- strain relief using cable ties
- module frame: steel sheet, color RAL 7035, powder-coated
- 19 inch, 1RU, depth: 153.4 mm



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Technical Data

General Data

Fields of application	Office
Design	patch panel
Mounting style	1RU
Shielding	shielded
Transmission technology	Copper
Color	light gray
Dimensions	
Dimension (L x W x H)	151.80 x 480.00 x 44.45 mm
Dimension (L x W x H)	5.976 x 18.898 x 1.75 in.
Inches	19 inches
Height unit	1RU
Modularity	yes
Labeling option	label window with identification label + printed numbers

Transmission characteristics

Category (ISO)	6
Class (ISO/IEC)	E _A
Category (TIA)	6
Remote Powering	yes
PoE	IEEE 802.3af
PoE plus	IEEE 802.3at
UPoE	yes
HDBaseT	yes
Transmission rate up to 10 GBit	IEEE 802.3an

Connections/interfaces

Connector technology interface 1	RJ45-jack
Connector technology interface 2	RJ45-jack
Number of ports interface 2	48
Number of ports interface 2 equipped	48
Number of positions/contacts interface 1	48 x 8P/8C
Number of positions/contacts interface 2	48 x 8P/8C



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Electrical characteristics

Current carrying capacity	max. 1 A
Rated voltage	max. 50 V
Contact resistance	max. 20 mOhm
Through resistance	max. 200 mOhm
Insulation resistance	min. 500 MOhm
Dielectric strength conductor-conductor (secondary)	max. 1000 V DC

Mechanical characteristics

Insertion and withdrawal force	max. 20 N
Life - Number of mating cycles	min. 750
Position/mounting of latch - standard installation position	top and bottom
strain relief	cable tie

Materials and material properties

Material - Jack contact	Spring steel
Material - Jack contact finish	Ni + Au (nickel-gold)
Material - Jack shield	CuZn (brass)
Material - Module support	sheet steel
Material - Module support finish	powder-coated
Material - Label window	ABS, transparent
Material - Finish	Ni (nickel)

Environmental conditions

Temperature (min. - max.)	
Temperature - Storage °C	-40 - 70 °C
Temperature - Storage °F	-40 - 158 °F
Temperature - Operating °C	-40 - 70 °C
Temperature - Operating °F	-40 - 158 °F
Electromagnetic measurement	E ₂



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Approvals

CE	compliant
RoHS	compliant

The product meets the following standards

Generic cabling systems	
General requirements	ISO/IEC 11801 Ed.2.2:2011-06 DIN EN 50173-1:2011-09 TIA/EIA 568-C.2 (2009-08)
Connectors for electronic equipment	
Free and fixed connectors	DIN EN 60603-7-51:2011-01

Classifications

ETIM 5.0	EC001128
ETIM 6.0	EC001128

Packing details

Type of packaging	1 pc(s) / box
Packaging unit - Weight (gram)	2090.00 g
Packaging unit - Weight (pound)	4.61 lb
Packaging dimension (W x H x D)	530.00 x 185.00 x 48.00 mm
Packaging dimension (W x H x D)	20.866 x 7.283 x 1.89 in.



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Accessories

P/N	Designation
899789-01	Label sheet for E-DAT C6 and E-DAT design patch panels



Illustrations

Dimensional drawing

