

## Data sheet

### E-DAT Industry patch cord V6 IP67 - IP67 20.0 m

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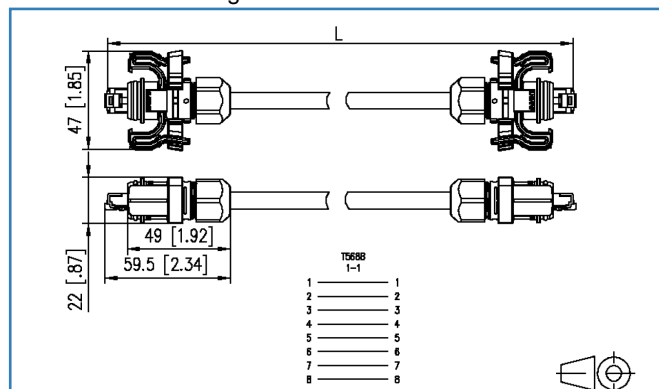
P/N  
141N113K13KB0  
EAN 4250184131304

2017-28-11

## Illustrations



Dimensional drawing



See enlarged drawings at the end of document

## Product specification

- fully shielded Cat.6 patch cable AWG 26/7 S/FTP with PUR cable sheath
- RJ45-IP67-V6 connector shielded on both ends
- 1:1 assignment
- compliance with class E to ISO/IEC 11801 Ed.2.2:2011-06, DIN EN 50173-1:2011-09
- yellow cable, gray connector
- cable colors may differ
- other lengths available
- variants: 1, 2, 5, 10, 15 and 20 m



### Technical Data

#### General Data

Fields of application	Industrial Ethernet
Design	patch cord
Shielding	shielded
Transmission technology	Copper
Cable Type	S/FTP
Number of twisting elements	4
Twisting element	Pair
Wiring	1 - 1
Color	yellow
Dimensions	
Dimension - Interface 1 (L x W x H)	59.50 x 47.00 x 22.00 mm
Dimension - Interface 1 (L x W x H)	2.343 x 1.85 x 0.866 in.
Dimension - Interface 2 (L x W x H)	59.50 x 47.00 x 22.00 mm
Dimension - Interface 2 (L x W x H)	2.343 x 1.85 x 0.866 in.
Cable length (m)	20.00 m

#### Transmission characteristics

Category (ISO)	6
Class (ISO/IEC)	E
PoE	IEEE 802.3af
PoE plus	IEEE 802.3at
UPoE	yes
Transmission rate up to 1 GBit (Fast Ethernet)	IEEE 802.3ab

#### Connections/interfaces

Connector technology interface 1	RJ45 plug
Connector technology interface 2	RJ45 plug
Number of ports interface 1	1
Number of ports interface 2	1
Number of equipped ports interface 1	1
Number of ports interface 2 equipped	1
Number of positions/contacts interface 1	8P/8C
Number of positions/contacts interface 2	8P/8C
Protective housing interface 1	V6



### Technical Data

#### Connections/interfaces

Protective housing interface 2	V6
Termination data, stranded wire (min. - max.)	
Conductor cross section, stranded wire	AWG 26/7
Conductor cross section, stranded wire	0.141 mm <sup>2</sup>
Conductor diameter, stranded wire (bare copper)	0.483 mm
Conductor diameter, stranded wire (bare copper)	0.019 in.
Cable sheath diameter (min. - max.)	
Cable sheath diameter	5.8 mm
Cable sheath diameter	0.228 in.

#### Electrical characteristics

Contact resistance	max. 20 mOhm
Insulation resistance	min. 500 MOhm

#### Mechanical characteristics

Life - Number of mating cycles	min. 750
Position/mounting of latch - standard installation position	top
Bending radius without load	17.4 mm
Bending radius without load	0.685 in.
Bending radius with load	46.4 mm
Bending radius with load	1.827 in.

#### Materials and material properties

Material - Conductor	Cu (copper)
Material - Conductor Insulation	Foam-Skin Polyethylen
Material - Cable jacket	PUR
Material - Plug housing interface 1	PC UL94 V0
Material - Plug housing interface 2	PC UL94 V0
Material - Protective housing interface 1	PA 6.6 UL94 V0
Material - Protective housing interface 2	PA 6.6 UL94 V0
Material - Contact interface 1	Ph-Br (Phosphor Bronze)
Material - Contact interface 2	Ph-Br (Phosphor Bronze)
Material - Contact finish interface 1	Ni + Au (nickel-gold)
Material - Contact finish interface 2	Ni + Au (nickel-gold)



### Technical Data

#### Materials and material properties

Material - Protective housing interface 2	PA 6.6 UL94 V0
Material - Protective housing interface 1	PA 6.6 UL94 V0
Flame retardancy	yes
Halogen free	yes
Oil resistance	yes

#### Environmental conditions

Temperature (min. - max.)	
Temperature - Operating °C	-20 - 60 °C
Temperature - Operating °F	-4 - 140 °F
Temperature - Installation °C	0 - 50 °C
Temperature - Installation °F	32 - 122 °F
Particulate ingress interface 1	IP6X when plugged in
Liquid ingress/immersion interface 1	IPX7 when plugged in
Particulate ingress interface 2	IP6X when plugged in
Liquid ingress/immersion interface 2	IPX7 when plugged in

#### Approvals

RoHS	compliant
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#### 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
Test for vertical flame propagation for a single insulated wire or cable	IEC 60332-1
Measurement of smoke density of cables burning	IEC 61034
Determination of acidity (by measuring the pH value) and conductivity	IEC 60754-2

#### Classifications

ETIM 5.0	EC001262
ETIM 6.0	EC001262

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### Technical Data

#### Packing details

Type of packaging	1 pc(s) / plastic bag
Packaging unit - Weight (gram)	68.00 g
Packaging unit - Weight (pound)	0.15 lb



### Accessories

P/N	Designation
130906-V3-I	Locking clamp for IP67 V6 plug, light gray
130906-V5-I	Locking clamp for IP67 V6 plug, yellow
130906-V6-I	Locking clamp for IP67 V6 plug, blue
130906-V7-I	Locking clamp for IP67 V6 plug, green
130906-V8-I	Locking clamp for IP67 V6 plug, red



**Illustrations**

Dimensional drawing

