

## Data sheet

Patch cord Cat.6<sub>A</sub> AWG 26 20.0 m red

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P/N

130845B066-E

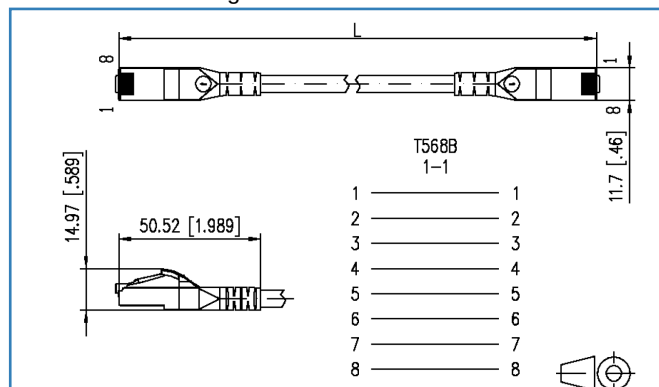
EAN 4250184119555

2018-25-04

## Illustrations



Dimensional drawing



See enlarged drawings at the end of document



## Product specification

- especially suitable for shielded and unshielded class E<sub>A</sub> systems
- fully shielded Cat.6<sub>A</sub> patch cord AWG 26/7
- two shielded RJ45 connectors; 1:1 assignment
- cable type: S/FTP 4x2xAWG 26/7 PIMF
- cable sheath: LSHF(LSOH), halogen free
- Cat.6<sub>A</sub> to ISO/IEC 11801 Ed.2.2 (2011-06) and IEC 61935-2 Ed. 3.0 (2010-07), certified to GHMT
- class E<sub>A</sub> Link up to 500 MHz to ISO/IEC 11801 Ed.2.2:2011-06, DIN EN 50173-1:2011-09
- suitable for 10 GBit Ethernet (IEEE 802.3an) and Remote Powering (PoE, PoE plus and UPoE) and HDBaseT
- snagless boot with integrated lever protection
- colors may differ slightly due to different protection lots



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## Technical Data

### General Data

Fields of application

Office

Design

Patch cords

Shielding

shielded

Transmission technology

Copper

Cable Type

S/FTP

Number of twisting elements

4

Twisting element

Pair

Wiring

1 - 1

Color

red

Dimensions

Dimension - Interface 1 (L x W x H)

50.52 x 11.70 x 14.97 mm

Dimension - Interface 1 (L x W x H)

1.989 x 0.461 x 0.589 in.

Dimension - Interface 2 (L x W x H)

50.52 x 11.70 x 14.97 mm

Dimension - Interface 2 (L x W x H)

1.989 x 0.461 x 0.589 in.

Cable length (m)

20.00 m

Cable length (ft)

65.62 ft

Marking option

by cable boot

### Transmission characteristics

Category (ISO)

6<sub>A</sub>

Class (ISO/IEC)

E<sub>A</sub>

Category (TIA)

6A

Remote Powering

yes

PoE

IEEE 802.3af

PoE plus

IEEE 802.3at

UPoE

yes

HDBaseT

yes

Transmission rate up to 10 GBit (Gigabit-Ethernet)

IEEE 802.3an



### Technical Data

#### 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 equipped ports interface 2            | 1                     |
| Number of positions/contacts interface 1        | 8P/8C                 |
| Number of positions/contacts interface 2        | 8P/8C                 |
| 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.             |

#### 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. 100 MOhm |
| Dielectric strength conductor-conductor (primarily) | max. 500 V DC |
| Dielectric strength conductor-conductor (secondary) | max. 500 V DC |

#### Mechanical characteristics

|                                                             |     |
|-------------------------------------------------------------|-----|
| Position/mounting of latch - standard installation position | top |
|-------------------------------------------------------------|-----|

#### Materials and material properties

|                                       |                    |
|---------------------------------------|--------------------|
| Material - Cable jacket               | LSHF (LSOH)        |
| Material - Plug housing interface 1   | PC (polycarbonate) |
| Material - Plug housing interface 2   | PC (polycarbonate) |
| Material - Contact interface 1        | CuSn (tin bronze)  |
| Material - Contact interface 2        | CuSn (tin bronze)  |
| Material - Contact finish interface 1 | Au (gold)          |
| Material - Contact finish interface 2 | Au (gold)          |



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## Technical Data

### Materials and material properties

|                                         |                   |
|-----------------------------------------|-------------------|
| Material - Contact carriers interface 1 | Plastics          |
| Material - Contact carriers interface 2 | Plastics          |
| Material - Shield interface 1           | CuSn (tin bronze) |
| Material - Shield interface 2           | CuSn (tin bronze) |
| Material - Shield finish interface 1    | Sn (tin)          |
| Material - Shield finish interface 2    | Sn (tin)          |
| Halogen free                            | yes               |

### Environmental conditions

|                               |             |
|-------------------------------|-------------|
| Temperature (min. - max.)     |             |
| Temperature - Storage °C      | -20 - 60 °C |
| Temperature - Storage °F      | -4 - 140 °F |
| Temperature - Operating °C    | -20 - 60 °C |
| Temperature - Operating °F    | -4 - 140 °F |
| Temperature - Installation °C | 0 - 50 °C   |
| Temperature - Installation °F | 32 - 122 °F |

### Certifications

|                                  |                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------|
| GHMT Component                   |  |
| GHMT component - Validity period | 27.11.2019                                                                          |

### Approvals

|      |           |
|------|-----------|
| 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<br>TIA/EIA 568-C.2 |
| Connectors for electronic equipment                                     |                                                                          |
| Free and fixed connectors                                               | IEC 60603-7-51                                                           |
| Information technology equipment -<br>Radio disturbance characteristics | DIN EN 55022                                                             |



### Technical Data

#### The product meets the following standards

Specification for the testing of balanced and coaxial information technology cabling

|                                                           |                               |
|-----------------------------------------------------------|-------------------------------|
| Cords as specified in ISO/IEC 11801 and related standards | IEC 61935-2 Ed. 3.0 (2010-07) |
|-----------------------------------------------------------|-------------------------------|

#### Classifications

|          |          |
|----------|----------|
| ETIM 5.0 | EC001262 |
| ETIM 6.0 | EC001262 |

#### Packing details

|                                 |                             |
|---------------------------------|-----------------------------|
| Type of packaging               | 1 pc(s) / plastic bag       |
| Packaging unit - Weight (gram)  | 807.00 g                    |
| Packaging unit - Weight (pound) | 1.78 lb                     |
| Packaging dimension (W x H x D) | 160.00 x 100.00 x 380.00 mm |
| Packaging dimension (W x H x D) | 6.299 x 3.937 x 14.961 in.  |



# P | Cabling

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