



Industry shielded



## APPLICATION

network patch cable for industry, structured building cabling, Industrial Ethernet and data centers and specially for long distances up to 90m.

Suitable für flexible applications with small bending radii.



## SPECIAL FEATURES

- Large selection of different lengths
- PVC cable outer jacket (flame-retardant, FT4), gray with UL
- Shielded S/FTP cable construction (Screened/Foiled Twisted Pair - overall braided shield around wire pairs in metal foil)
- 4 x 2 x AWG24/7
- for long distances up to 90 m
- Slim plug design; simplified use in confined spaces
- RJ45 plug contacts gold-plated
- RJ45 plug bend protection molded
- plug contact surface and latching lever transparent
- with locking lever protection
- Extended temperature range: -10°C / +75°C

## REMARKS

- Cat.6A patch cable fulfills the requirements for 10Gbit Ethernet/ 500 MHz
- RJ45 pin assignment according to TIA/EIA T568B
- RJ45 connector: IEC 60603-7-51
- Suitable for cabling standard EN 50173 "application-neutral communication cable systems"
- Offers the option of PowerOverEthernet supply according to IEE 802.3bt
- Special versions, other lengths available on request.

## PRODUCT DETAILS

### DESIGN

Side 1 - Connection	RJ45 - Connector
Side 1 - No. of contacts	8
Side 1 - Cable outlet	Straight
Side 2 - Connection	RJ45 - Connector
Side 2 - No. of contacts	8
Side 2 - Cable outlet	Straight
Colour code pin assignment	TIA-568B
Contacts gold-plated	yes
Cable type	S/FTP
Dimension	4x2xAWG24/7
Outer sheath material	PVC
Sheath colour	grey
Cable outer-Ø [mm]	6,8

### ELECTRICAL PROPERTIES

Suitable for PoE	yes
Suitable for PoE+	yes
Suitable for 4PPoE (PoE++)	yes

## INTERFACE PROPERTIES

Category (Ethernet)	Cat.6A
Interface type	Ethernet
Transmission rate	10 Gbit/s
Bandwidth	500 MHz

## MECHANICAL &amp; DYNAMIC PROPERTIES

Smallest bending radius [mm]	34,0
Mating cycles	> 750
IP protection rating	IP20

## THERMAL PROPERTIES

Temperature range min/max [°C]	-10 °C / +75 °C
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## PROPERTIES IN CASE OF FIRE

Flame retardant	Cable: yes
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## STANDARDS &amp; APPROVALS

Standard	Cabling Standard: EN50173; Connector Type: IEC60603-7-51; PoE acc.to IEEE 802.3af; PoE+ acc.to IEEE 802.3at; 4PPoE acc.to IEEE 802.3bt
Approvals	Cable: UL E132276-C(UL) CM 75°C

## ITEM OVERVIEW

## INDULINK® PATCH INDUSTRY RJ45 CAT.6A PVC LD

Item no. [TKD]	Type	Weight [kg/1.000]	PU [pcs]
6009915	S/FTP AWG24/7 L=40,0 m	2.090,0	1
6009916	S/FTP AWG24/7 L=50,0 m	2.570,0	1
6009917	S/FTP AWG24/7 L=60,0 m	3.200,0	1
6009918	S/FTP AWG24/7 L=70,0 m	3.640,0	1
6009919	S/FTP AWG24/7 L=80,0 m	4.080,0	1
6009920	S/FTP AWG24/7 L=90,0 m	4.630,0	1

DETAIL VIEWS

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