

## VK508P45

### Connection technology • Data transfer

Data cable, connection cable, 5m, RJ45 connector 8-pin straight, RJ45 connector 8-pin straight, 8x0.14mm<sup>2</sup>, category 5E, -40-80°C, TPU, shielded



This shielded cable can be used to transmit complex information digitally into a network for further processing. The connections are pre-wired.

The line is equipped with an 8-pin RJ45 connector on the device side and an RJ45 connector on the network side.

#### Electrical features

Type of plug-in contact, A connection	Male (connector)
Type of plug-in contact, B connection	Male (connector)
Type of A electrical connection	RJ45
Type of B electrical connection	RJ45
Number of pins of A connection	8
Number of pins of B connection	8
Supported communication interface	1x 100MbE   1x RS485   EtherCAT   Ethernet   Ethernet Industrial Protocol
Operating voltage (AC 50Hz)	30 V
Operating voltage (DC)	30 V
Shielded	Yes
ardSOCA_ElektrischerAnschluss	8-wire 5m
ardTEEL_Uebertragungsklassifizierung	Cat6A (IEC)
ardSOCA_Betriebsspannung	30VAC(50Hz)   30VDC

**Mechanical features**

Number of cores	8
Wire assembly	7 x 0.16mm
Conductor cross-section	0.14 mm <sup>2</sup>
Outer diameter	6.4 mm
Cable sheath color	green
Cable length	5 m
Cable infeed of A connection	straight
Cable infeed of B connection	straight
Housing material	TPU
Material of cable sheath	Kunststoff (PUR)
Perm. ambient temperature of cable, fixed cable	-40 - 80 °C
Ambient temperature	-30 - 70 °C
ardTEME_WerkstoffDerKontakteAnschlussA	CuZn, gold-plated
ardTEME_WerkstoffDerKontakteAnsWerkstoff_der_Kontakte_AnschCuZn, gold-plated	
ardTEME_Werkstoffeigenschaften	Halogenfrei

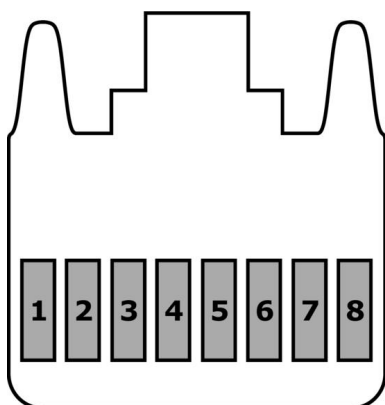
**Classification**

ETIM 8
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**More**

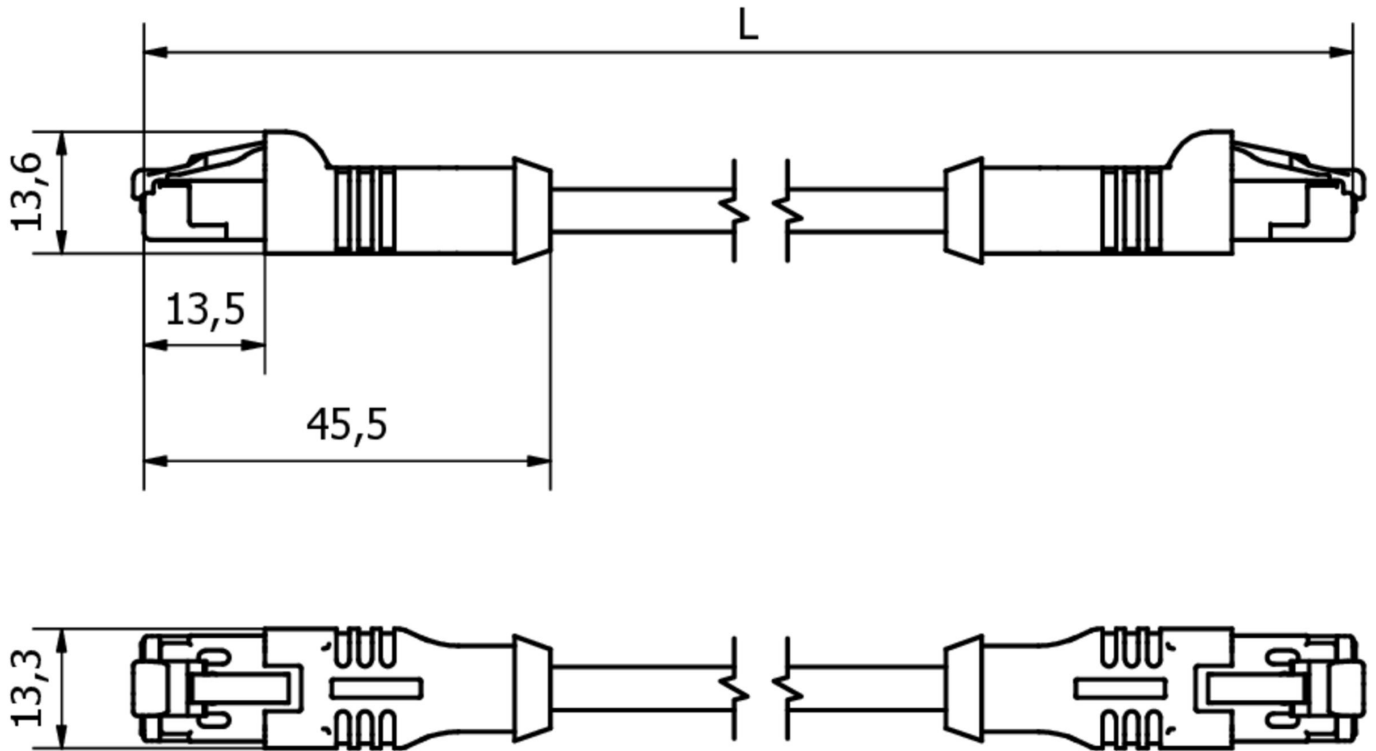
IPF Product Group	851 cable sockets / connectors (both side ready made)
packaging dimensions	300 x 200 x 24 mm
gross weight	250 g
Customs tariff number	85444290
WEEE number	40951076
OzDS-compliant	Yes
POP-compliant	Yes
Reach-compliant	Yes
RoHS-compliant	Yes

**Connection**



- 1** white/orange
- 2** orange
- 3** white/green
- 4** blue
- 5** white/blue
- 6** green
- 7** white/brown
- 8** brown

**Dimensional drawing**



**Installation**

Mounting / installation may only be carried out by a qualified electrician!



**Disposal**

WEEE number according to § 6 para. 3  
ElektroG: 40951076

**Safety warnings**

- / Before initial operation, please make sure to follow all safety instructions that may be provided in the product information.
- / Never use these devices in applications where the safety of a person depends on their functionality.