

VS-CAT5-4X2X26 AWG/19-S/100 - Installation cable



1658875

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CAT5e-S/UTP cable, 4 x 2 x 26 AWG, highly stranded (19-wire), shielded, outer sheath: Halogen-free PUR, outside diameter 7.7 mm, RAL 5021 (water blue), irradiated for welding applications, suitable for use with drag chain, cable ring: 100 m

Commercial data

Item number	1658875
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	BF11
Product key	AF1LFA
GTIN	4046356166164
Weight per piece (including packing)	6.948 kg
Weight per piece (excluding packing)	7,512 kg
Customs tariff number	85444290
Country of origin	DE

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Technical data

Product properties

Product type	Data cable by the meter
Number of positions	8
Shielded	yes

Electrical properties

Transmission characteristics (category)	CAT5 (IEC 11801:2002)
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Cable/line

Cable length	100 m
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Ethernet [94C]

Cable weight	70 kg/km
Number of positions	8
Shielded	yes
Cable type	Ethernet [94C]
Conductor structure	4x2xAWG26/19, S/UTP
Conductor structure signal line	19x 0.10 mm
AWG signal line	26
Conductor cross-section	4x 2x 0.16 mm ²
Wire diameter incl. insulation	max. 1 mm
External cable diameter	7.70 mm
Outer sheath, material	PUR
External sheath, color	water blue RAL 5021
Conductor material	Bare Cu litz wires
Material wire insulation	Teflon
Single wire, color	white-blue, white-orange, white-green, white-brown
Twisted pairs	2 cores to the pair
Overall twist	4 pairs for core
Max. conductor resistance	max. 125 Ω/km
Insulation resistance	min. 0.5 GΩ*km
Wave impedance	100 Ω ±5 Ω (at 100 MHz)
Working capacitance	57 nF
Nominal voltage, cable	125 V
Test voltage Core/Core	1000 V
Smallest bending radius, fixed installation	39 mm (cable, fixed installation)
Smallest bending radius, movable installation	39 mm (Cable, flexible installation)
Dynamic load capacity (bending)	Max. bending cycles: 5000000, Bending radius: 58 mm, Traversing path: 1.8 m, Traversing rate: 3 m/s, Acceleration: 9 m/s ²
Flame resistance	IEC 60332-2-2
Resistance to oil	in accordance with DIN EN 60811-2-1

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Other resistance	Hydrolysis resistance as per DIN 53504
	resistant to welding splash in accordance with DIN VDE 0282
Ambient temperature (operation)	-20 °C ... 60 °C (cable, fixed installation)
	0 °C ... 50 °C (Cable, flexible installation)

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation) (Cable, fixed installation)	-20 °C ... 60 °C (cable, fixed installation)
Ambient temperature (operation) (Cable, flexible installation)	0 °C ... 50 °C (Cable, flexible installation)

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Classifications

ECLASS

ECLASS-13.0	27061801
ECLASS-15.0	27061801

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Environmental product compliance

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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