

# VS-CAT7-4X2X26 AWG/7-BK/100 - Installation cable



1658914

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CAT7-S/FTP cable, 4 x 2 x 26 AWG, stranded, (7-wire) shielded, outer sheath: Halogen-free PUR, outside diameter 7.9 mm, RAL 9005 (black), cable ring 100 m

## Commercial data

Item number	1658914
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	BF11
Product key	AF1LFA
GTIN	4046356166126
Weight per piece (including packing)	6,222 g
Weight per piece (excluding packing)	6,222 g
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)	CAT7
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### Cable/line

Cable length	100 m
Cable weight	44 kg/km
Number of positions	8
Shielded	yes
Conductor structure	4x2xAWG26/7; S/FTP
Conductor type	Round cable
Signal runtime	0.46 ns/m
Signal speed	0.72 c
Conductor structure signal line	7x 0.16 mm
AWG signal line	26
Conductor cross-section	4x 2x 0.14 mm <sup>2</sup>
Wire diameter incl. insulation	1 mm
External cable diameter	7.80 mm
Outer sheath, material	PUR
External sheath, color	black RAL 9005
Conductor material	Bare Cu litz wires
Material wire insulation	Cell PE
Single wire, color	white-blue, white-orange, white-green, white-brown
Twisted pairs	2 cores to the pair
Type of pair shielding	Aluminum-lined polyester foil
Overall twist	4 pairs for core
Optical shield covering	65 %
Max. conductor resistance	≤ 150 Ω/km
Insulation resistance	≥ 5 GΩ*km
Coupling resistance	5.00 mΩ/m (at 10 MHz)
Wave impedance	100 Ω ±5 % (at 100 MHz)
Working capacitance	42 pF
Nominal voltage, cable	125 V
Test voltage	1000 V
Smallest bending radius, fixed installation	40 mm
Shield attenuation	60.00 dB (up to 1000 MHz)
Resistance to oil	in accordance with DIN EN 60811-2-1

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Ambient temperature (operation)	-40 °C ... 70 °C (cable, fixed installation)
	-10 °C ... 50 °C (Cable, flexible installation)

## Environmental and real-life conditions

### Ambient conditions

Ambient temperature (operation) (Cable, fixed installation)	-40 °C ... 70 °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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