

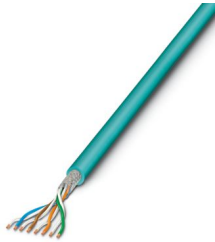
VS-CAT5-F-4X2X26 AWG/100 - Installation cable



1658862

<https://www.phoenixcontact.com/us/products/1658862>

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CAT5e-S/UTP cable, 4 x 2 x 26 AWG, stranded (7-wire), shielded, outer sheath: Halogen-free PUR, outside diameter 6.1 mm, RAL 5021 (water blue), cable ring 100 m

Commercial data

Item number	1658862
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	BF11
Product key	AF1LFA
GTIN	4046356166874
Weight per piece (including packing)	4,273.3 g
Weight per piece (excluding packing)	4,273.3 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)	CAT5 (IEC 11801:2002)
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Cable/line

Cable length	100 m
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Ethernet [94B]

Number of positions	8
Shielded	yes
Cable type	Ethernet [94B]
Conductor structure	4x2xAWG26/7; S-UTP
Conductor structure signal line	7x 0.16 mm
AWG signal line	26
Conductor cross-section	0.14 mm ²
Wire diameter incl. insulation	1 mm
External cable diameter	6.1 mm
Outer sheath, material	PUR
External sheath, color	water blue RAL 5021
Conductor material	Bare Cu litz wires
Single wire, color	white/blue-blue, white/orange-orange, white/green-green, white/brown-brown
Twisted pairs	2 cores to the pair
Overall twist	4 pairs for core
Optical shield covering	85 %
Max. conductor resistance	≤ 284 Ω/km
Insulation resistance	≥ 5 GΩ*km
Wave impedance	100 Ω ±15 % (at 1 ... 100 MHz)
Working capacitance	48 nF (At 800 Hz)
Nominal voltage, cable	125 V
Test voltage Core/Core	1000 V
Test voltage Core/Shield	500.00 V
Smallest bending radius, fixed installation	50 mm (cable, fixed installation)
Smallest bending radius, movable installation	95 mm (Cable, flexible installation)
Ambient temperature (operation)	-20 °C ... 70 °C (cable, fixed installation) -5 °C ... 60 °C (Cable, flexible installation)

Environmental and real-life conditions

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Ambient conditions

Ambient temperature (operation) (Cable, fixed installation)	-30 °C ... 80 °C (cable, fixed installation)
Ambient temperature (operation) (Cable, flexible installation)	-5 °C ... 60 °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.
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EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com