

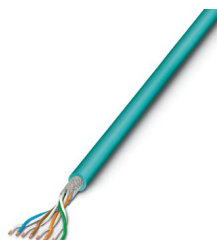
VS-CAT5-4X2X26 AWG/19-S/100 - Installation cable



1658875

<https://www.phoenixcontact.com/us/products/1658875>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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

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



1658875

<https://www.phoenixcontact.com/us/products/1658875>

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)
---	-----------------------

Cable/line

Cable length	100 m
--------------	-------

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

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



1658875

<https://www.phoenixcontact.com/us/products/1658875>

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)

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



1658875

<https://www.phoenixcontact.com/us/products/1658875>

Classifications

ECLASS

ECLASS-13.0	27061801
ECLASS-15.0	27061801

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



1658875

<https://www.phoenixcontact.com/us/products/1658875>

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%
-------------------------------------	----------------------------

Phoenix Contact 2026 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com