


## VS-CAT5-F-4X2X26 AWG/100

Order No.: 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	
GTIN (EAN)	
Note	Made-to-order
sales group	D515
Pack	1 pcs.
Customs tariff	85444290
Catalog page information	Page 177 (PC-2007)

### Product notes

WEEE/RoHS-compliant since:  
10/25/2006



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Technical data	
<b>Mechanical characteristics</b>	
Number of positions	8
Shielded	Yes
Cable diameter	6.10 mm
Cable structure	4x2xAWG26/7; S-UTP

Smallest bending radius, fixed installation	50 mm (cable, fixed installation)
Smallest bending radius, movable installation	95 mm (cable, flexible installation)
Length of cable	100 m
Ambient temperature (operation)	-30 °C ... 80 °C (cable, fixed installation)
	-5 °C ... 60 °C (cable, flexible installation)

#### Material data

Outer sheath, material	PUR
External sheath, color	water blue RAL 5021

#### Electrical characteristics

Rated voltage (III/3)	125 V
Transmission characteristics (category)	CAT5 (IEC 11801:2002), CAT5e (TIA 568B:2001)

#### Line characteristics

Cable type	Ethernet
Cable structure	4x2xAWG26/7; S-UTP
Conductor cross section	0.14 mm <sup>2</sup>
AWG signal line	26
Conductor structure signal line	7x 0.16 mm
Core diameter including insulation	1 mm
External cable diameter	6.10 mm
Wire colors	white/blue-blue, white/orange-orange, white/green-green, white/brown-brown
External sheath, color	water blue RAL 5021
Insulation resistance	≥ 5 GΩ*km
Conductor resistance	≤ 284 Ω/km
Transmission characteristics (category)	CAT5 (IEC 11801:2002), CAT5e (TIA 568B:2001)
Working capacitance	48 nF (At 800 Hz)
Wave impedance	100 Ω ±15% (At 1 to 100 MHz)
Nominal voltage, conductor	125 V
Test voltage Core/Core	1000 V
Test voltage Core/Shield	500 V
Twisted pairs	2 cores to the pair
Overall twist	4 pairs for core
Shielding	Plastic-coated aluminum foil, tinned copper braided shield
Optical shield covering	85 %

Outer sheath, material	PUR
Conductor material	Bare Cu litz wires
Smallest bending radius, fixed installation	50 mm (cable, fixed installation)
Smallest bending radius, movable installation	95 mm (cable, flexible installation)

### Accessories

Item	Designation	Description
<b>Tools</b>		
1657407	VS-CABLE-STRIP-VARIO	Stripping tool, for the multi-level stripping of shielded cables

**Address**

PHOENIX CONTACT Deutschland GmbH  
Flachmarktstr. 8  
32825 Blomberg, Germany  
Phone +49 5235 3 12000  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.de>



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