


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)	 4 046356 166874
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	
Mechanical characteristics	
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 ²
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
Tools		
1657407	VS-CABLE-STRIP-VARIO	Stripping tool, for the multi-level stripping of shielded cables

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