


VS-CAT6-4X2X26 AWG/7/100

Order No.: 1658891

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CAT6-S/FTP cable, 4 x 2 x 26 AWG, stranded, (7-wire) shielded, outer sheath: Halogen-free PUR, outside diameter 6.7 mm, RAL 5021 (water blue), cable ring 100 m

Commercial data	
GTIN (EAN)	 4 046356 166140
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	6.70 mm
Cable structure	4x2xAWG26/7; S-FTP

Smallest bending radius, fixed installation	min. 33.5 mm
Smallest bending radius, movable installation	min. 33.5 mm
Length of cable	100 m
Ambient temperature (operation)	-20 °C ... 60 °C (cable, fixed installation) 0 °C ... 50 °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)	CAT6

Line characteristics

Cable type	Ethernet
Cable structure	4x2xAWG26/7; S-FTP
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	6.40 mm 6.4 mm
Wire colors	White-blue, white-orange, white-green, white-brown
External sheath, color	water blue RAL 5021
Insulation resistance	≥ 5 GΩ*km
Conductor resistance	≤ 150 mΩ/m
Transmission characteristics (category)	CAT6 _A
Working capacitance	42 pF
Wave impedance	100 Ω ±5% (At 100 MHz)
Signal speed	0.72 c
Signal runtime	46 ns/m
Shield attenuation	60 dB (Up to 1000 MHz)
Interference suppression	90 dB (Up to 1000 MHz)
Nominal voltage, conductor	125 V
Test voltage, conductor	1000 V
Twisted pairs	2 cores to the pair

Type of pair shielding	Aluminum-lined polyester foil
Overall twist	2 cores with 2 fillers to the core
Shielding	Tinned copper braided shield
Optical shield covering	65 %
Outer sheath, material	PUR
Material conductor insulation	Cell PE
Conductor material	Bare Cu litz wires
Cable weight	44 kg/km
Smallest bending radius, fixed installation	min. 32 mm
Smallest bending radius, movable installation	min. 32 mm

Accessories

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

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