

VS-08-4X2X26C6/7-VS67-RJ45/5,0

Order No.: 1653207



Assembled Ethernet cable, CAT6, shielded, 4-pair, AWG 26 stranded (7-wire), line, RAL 5021 (water blue), RJ45/IP67 on RJ45, length: 5 m

Ethernet

Commercial data	
EAN	4017918970109
Pack	1 Pcs.
Customs tariff	85369010
Weight/Piece	0.2845 KG
Catalog page information	Page 173 (PC-2007)

Product notes

WEEE/RoHS-compliant since:
08/01/2006

**Technical data**

Mechanical characteristics	
Number of positions	8
Shielded	Yes
Insertion/withdrawal cycles	≥ 200
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	5 m
Ambient temperature (operation)	-40 °C ... 70 °C (cable, fixed installation)
	-10 °C ... 50 °C (cable, flexible installation)
	(plug/socket)

Material data

Housing material	PA
Contact carrier material	PC
Contact material	Copper alloy
Contact surface material	Gold over nickel
Material, O-ring	FPM
Cable seal material	NBR
Outer sheath, material	PUR
External sheath, color	water blue RAL 5021
Degree of protection	IP67/IP20

Electrical characteristics

Rated voltage (III/3)	125 V
Transmission characteristics (category)	CAT6

Line characteristics

Cable type	Ethernet
Conductor cross section	14 mm ²
AWG signal line	26
Conductor structure, signal line	7x 0.16 mm
Core diameter including insulation	1 mm
External cable diameter	6.70 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
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	Braided shielding made of tin-plated copper wires
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. 33.5 mm
Smallest bending radius, movable installation	Min. 33.5 mm

Accessories

Item	Designation	Description
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Protective covers

1653757	VS-SCRJ-PC	IP67 protective cover, for covering the male inserts in the sleeve housings IP67, VS-SCRJ-..., VS-04-..., VS-06-... and VS-08-...
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