

Network cable - VS-OE-OE-94D-100,0 - 1416334

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Network cable, Ethernet CAT5 (1 Gbps), 8-position, PVC (reinforced) UV-resistant, deep black RAL 9005, shielded, free cable end, on free cable end, cable length: 100 m



Ethernet

Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 474559
GTIN	4046356474559
Weight per Piece (excluding packing)	5,120.000 g
Custom tariff number	85444290
Country of origin	Germany

Technical data

Dimensions

Length of cable	100 m
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General data

Number of positions	8
Signal type/category	Ethernet CAT5, 1 Gbps

Cable

Cable type	Ethernet
Cable type (abbreviation)	94D
UL AWM style	2464 (80°C/300 V)
Signal type/category	Ethernet CAT5 (IEC 11801), 1 Gbps
Cable structure	4x2xAWG26/7; SF/UTP

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Technical data

Cable

Conductor cross section	4x 2x 0.14 mm ²
AWG signal line	26
Conductor structure signal line	7x 0.16 mm
Core diameter including insulation	0.98 mm ±0.05 mm
Wire colors	white/blue-blue, white/orange-orange, white/green-green, white/brown-brown
Twisted pairs	2 cores to the pair
Overall twist	4 pairs, twisted
Shielding	Aluminum-lined polyester foil, tinned copper braided shield
Optical shield covering	85 %
External sheath, color	black RAL 9005
Outer sheath thickness	0.8 mm
External cable diameter D	6.4 mm ±0.2 mm
Smallest bending radius, fixed installation	30 mm
Smallest bending radius, movable installation	60 mm
Tensile strength GRP	80 N
Outer sheath, material	PVC (reinforced) UV-resistant
Material conductor insulation	PP
Conductor material	Bare Cu litz wires
Insulation resistance	≥ 5 GΩ*km
Conductor resistance	< 140 Ω/km
Cable capacity	< 56 nF/km
Wave impedance	100 Ω ±15 Ω (at 4 ... 100 MHz)
Signal speed	0.6 c
Nominal voltage, cable	72 V DC
	300 V AC
Test voltage Core/Core	2500 V DC (2 s)
Test voltage Core/Shield	2500 V DC (2 s)
Flame resistance	According to VW-1
Resistance to oil	according to IEC 60811-2-1
Other resistance	UV resistant According to UL 1581, Section 1200
Ambient temperature (operation)	-40 °C ... 80 °C
Ambient temperature (installation)	0 °C ... 50 °C

Environmental Product Compliance

	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50

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Environmental Product Compliance

	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"
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Classifications

eCl@ss

eCl@ss 4.0	27060307
eCl@ss 4.1	27060307
eCl@ss 5.0	27060307
eCl@ss 5.1	19030300
eCl@ss 6.0	27061800
eCl@ss 7.0	27061801
eCl@ss 8.0	27061801
eCl@ss 9.0	27061801

ETIM

ETIM 3.0	EC000830
ETIM 4.0	EC000830
ETIM 5.0	EC000830
ETIM 6.0	EC000830
ETIM 7.0	EC003249

UNSPSC

UNSPSC 6.01	26121616
UNSPSC 7.0901	26121616
UNSPSC 11	26121604
UNSPSC 12.01	31261501
UNSPSC 13.2	26121604