

Bus system cable - VS-OE-OE-94E-100,0 - 1416350

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CAT6a-S/STP cable, 4 x 2 x 23 AWG, solid (1-wire), shielded, outer sheath: Halogen-free PUR, outside diameter 8.0 mm, RAL 5021 (water blue), cable ring 100 m



Ethernet

Key commercial data

Packing unit	1 PCE
Catalog page	Page 296 (PC-2011)
GTIN	 4 046356 474405
Custom tariff number	85444290
Country of origin	GERMANY

Technical data

Mechanical characteristics

Number of positions	8
Shielded	Yes
Cable diameter	8.00 mm
Cable structure	4x2xAWG23/1; S-FTP
Smallest bending radius, fixed installation	60 mm (cable, fixed installation)
Smallest bending radius, movable installation	60 mm (for installation)
Length of cable	100 m
Ambient temperature (operation)	-20 °C ... 80 °C

Material data

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

Electrical characteristics

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Technical data

Electrical characteristics

Transmission characteristics (category)	CAT6 _A
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Line characteristics

Cable type	Ethernet
Cable structure	4x2xAWG23/1; S-FTP
Conductor cross section	4x 2x 0.32 mm ²
AWG signal line	23
Conductor structure signal line	1x
Core diameter including insulation	1.45 mm ±0.05 mm
External cable diameter	8 mm ±0.3 mm
Wire colors	White-blue, white-orange, white-green, white-brown
External sheath, color	water blue RAL 5021
Transmission medium	Copper
Insulation resistance	> 5 GΩ*km
Conductor resistance	< 75 Ω/km
Transmission characteristics (category)	CAT6 _A
Nominal voltage, conductor	30 V AC
Test voltage Core/Shield	3000 V AC
Twisted pairs	2 cores to the pair
Type of pair shielding	Aluminum-lined polyester foil
Overall twist	4 pairs, twisted
Shielding	Aluminum-lined polyester foil, tinned copper braided shield
Optical shield covering	65 %
Outer sheath, material	FRNC
Material conductor insulation	Foamed PE
Conductor material	Bare Cu wire
Smallest bending radius, fixed installation	30 mm
Smallest bending radius, movable installation	60 mm
Tensile strength short-term/long-term	80 N
Flame resistance	According to IEC 60332-3C
Halogen-free	According to IEC 60754-2
Resistance to oil	According to IEC 60811-2-1
Ambient temperature (operation)	-20 °C ... 80 °C (Cable)

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Classifications

ETIM

ETIM 3.0	EC000830
ETIM 4.0	EC000830
ETIM 5.0	EC000830

UNSPSC

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

eCl@ss

eCl@ss 4.0	27060307
eCl@ss 4.1	27060307
eCl@ss 5.0	27060307
eCl@ss 5.1	27060307
eCl@ss 6.0	27060307
eCl@ss 7.0	27060307

Accessories

Accessories

Tools

Tool - VS-CABLE-STRIP-VARIO - 1657407

Stripping tool, for the multi-level stripping of shielded cables

