

## Network cable - VS-MSD-MSD-93E/1,0 - 1403502

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Assembled Ethernet cable, CAT5e, shielded, 2-pair, AWG 26 stranded (7-wire), RAL 5021 (sea blue), M12 plug to M12 plug, line, length 1 m



### Key Commercial Data

Packing unit	1 pc
Custom tariff number	85444210
Country of origin	Poland

### Technical data

#### Dimensions

Length of cable	1 m
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#### Ambient conditions

Degree of protection	IP65
	IP67

#### General

Rated current at 40°C	4 A
Rated voltage	60 V
Number of positions	4
Signal type/category	Ethernet CAT5 (IEC 11801), 100 Mbps
Overvoltage category	II
Pollution degree	3
Insertion/withdrawal cycles	≥ 100

#### Material

Flammability rating according to UL 94	V0
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#### Cable

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### Technical data

#### Cable

Cable type	Ethernet
Cable type (abbreviation)	93E
Cable structure	2x2xAWG26/7; SF/UTP
Conductor cross section	0.14 mm <sup>2</sup>
AWG signal line	26
Conductor structure signal line	7x 0.16 mm
Core diameter including insulation	1 mm
Wire colors	white/orange-orange, white/green-green
Twisted pairs	2 cores to the pair
Overall twist	Two pairs with two fillers to the core
Shielding	Plastic-coated aluminum foil, tinned copper braided shield
Optical shield covering	85 %
External sheath, color	water blue RAL 5021
External cable diameter	5.90 mm
Smallest bending radius, fixed installation	30 mm (cable, fixed installation)
Smallest bending radius, movable installation	78 mm (cable, flexible installation)
Outer sheath, material	PUR
Conductor material	Bare Cu litz wires
Insulation resistance	≥ 5 GΩ*km
Conductor resistance	≤ 284 Ω/km
Transmission characteristics (category)	CAT5 (IEC 11801:2002)
Working capacitance	48 nF (At 800 Hz)
Wave impedance	100 Ω ±15 % (at 1 ... 100 MHz)
Nominal voltage, cable	125 V
Test voltage Core/Core	1000 V
Test voltage Core/Shield	500 V

### Classifications

#### eCl@ss

eCl@ss 4.0	27060306
eCl@ss 4.1	27060306
eCl@ss 5.0	27061801
eCl@ss 5.1	27061801
eCl@ss 6.0	27061801
eCl@ss 7.0	27061801
eCl@ss 8.0	27279218

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## Classifications

### ETIM

ETIM 4.0	EC000830
ETIM 5.0	EC001855

### UNSPSC

UNSPSC 6.01	26121609
UNSPSC 7.0901	26121609
UNSPSC 11	26121609
UNSPSC 12.01	26121609
UNSPSC 13.2	26121609

## Approvals

### Approvals

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Approvals

EAC

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Ex Approvals

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Approvals submitted

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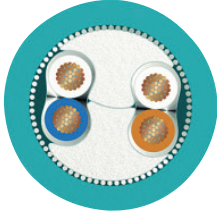
### Approval details

EAC
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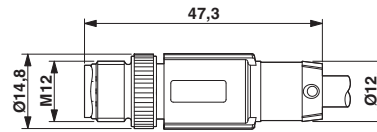
## Drawings

## Network cable - VS-MSD-MSD-93E/1,0 - 1403502

Cable cross section



Dimensional drawing



Ethernet [93E]

Plug, M12 x 1, straight, shielded