

Network cable - VS-8-VS67-VS67/4P-AWG26-CF/2,0 - 1652020

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Assembled Ethernet cable, CAT5e, shielded, 4-pair, AWG 26 stranded (7-wire), line, RAL 5021 (water blue), RJ45/IP67 on RJ45/IP67, length: 2 m

Product Description

Assembled LAPP-4P cable with 2x VS-RJ45/IP67, 2 m, for VW

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 914127
GTIN	4017918914127

Technical data

Dimensions

Length of cable	2 m
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Ambient conditions

Degree of protection	IP67
Ambient temperature (operation)	-30 °C ... 80 °C (cable, fixed installation)
	-5 °C ... 60 °C (cable, flexible installation)
	Plug / socket

General data

Number of positions	8
Signal type/category	Ethernet CAT5 (IEC 11801:2002)
Degree of pollution	2
Alternative short product description	Ethernet cable
Rated voltage (III/3)	125 V
Contact material	Copper alloy
Contact carrier material	PC
Contact surface material	Gold over nickel

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Technical data

General data

Housing material	PA
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Characteristics head 1

Head type	Plug straight RJ45 / IP67
No. of positions (pin connector pattern)	8
Color	gray

Characteristics head 2

Head type	Plug straight RJ45 / IP67
No. of positions (pin connector pattern)	8
Color	gray

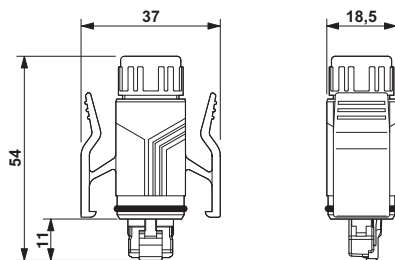
Cable

Cable type	Ethernet
Cable type (abbreviation)	94B
Signal type/category	Ethernet CAT5 (IEC 11801:2002)
Cable structure	4x2xAWG26/7; S-UTP
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
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 for core
Shielding	Plastic-coated aluminum foil, tinned copper braided shield
Optical shield covering	85 %
External sheath, color	water blue RAL 5021
Smallest bending radius, fixed installation	50 mm (cable, fixed installation)
Smallest bending radius, movable installation	95 mm (cable, flexible installation)
Outer sheath, material	PUR
Conductor material	Bare Cu litz wires
Insulation resistance	≥ 5 GΩ*km
Conductor resistance	≤ 284 Ω/km
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
Ambient temperature (operation)	-20 °C ... 70 °C (cable, fixed installation)
	-5 °C ... 60 °C (cable, flexible installation)

Drawings

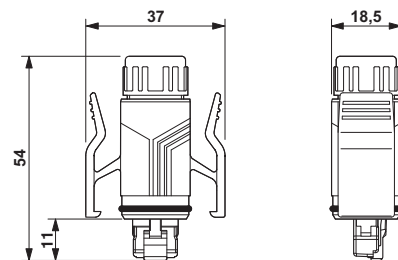
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Dimensional drawing



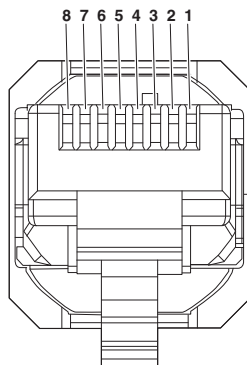
RJ45-connector, IP67

Dimensional drawing



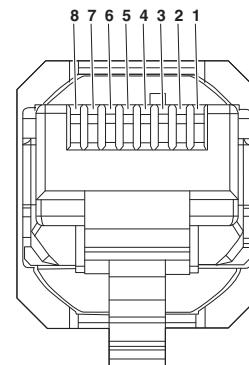
RJ45-connector, IP67

Schematic diagram



Connector pin assignment plug RJ45

Schematic diagram



Connector pin assignment plug RJ45

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