

Cable - VS-08-4X2X26C6/BK-2XVS67/ 5 - 1658464


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Assembled Ethernet cable, CAT7, shielded, 4-pair, AWG 26 stranded (7-wire), RAL 9005 (black), RJ45/IP67 (black) on RJ45/IP67 (black), length: 5 m



Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 163149
GTIN	4046356163149

Technical data

Dimensions

Length of cable	5 m
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Ambient conditions

Ambient temperature (operation)	-40 °C ... 70 °C (cable, fixed installation)
	0 °C ... 50 °C (cable, flexible installation)
	Plug / socket

General data

Number of positions	8
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
Housing material	PA

Cable

Type of cable	Round cable
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Technical data

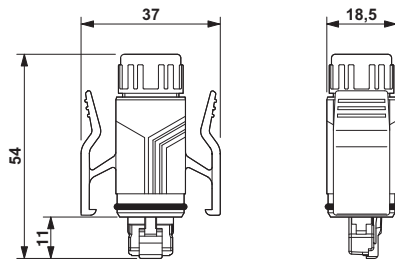
Cable

Cable type	Ethernet
Cable type (abbreviation)	941
Signal type/category	Ethernet CAT7
Cable structure	4x2xAWG26/7; S/FTP
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	1 mm
Wire colors	White-blue, white-orange, white-green, white-brown
Twisted pairs	2 cores to the pair
Type of pair shielding	Aluminum-lined polyester foil
Overall twist	4 pairs for core
Shielding	Tinned copper braided shield
Optical shield covering	65 %
External sheath, color	black RAL 9005
External cable diameter D	7.8 mm
Smallest bending radius, fixed installation	40 mm
Cable weight	44 kg/km
Outer sheath, material	PUR
Material conductor insulation	Cell PE
Conductor material	Bare Cu litz wires
Insulation resistance	≥ 5 GΩ*km
Conductor resistance	≤ 150 Ω/km
Working capacitance	42 pF
Wave impedance	100 Ω ±5 % (at 100 MHz)
Signal speed	0.72 c
Signal runtime	0.46 ns/m
Shield attenuation	60 dB (up to 1000 MHz)
Interference suppression	90 dB (up to 1000 MHz)
Coupling resistance	5.00 mΩ/m (at 10 MHz)
Nominal voltage, cable	125 V
Test voltage, cable	1000 V
Resistance to oil	in accordance with DIN EN 60811-2-1
Ambient temperature (operation)	-40 °C ... 70 °C (cable, fixed installation)
	-10 °C ... 50 °C (cable, flexible installation)

Drawings

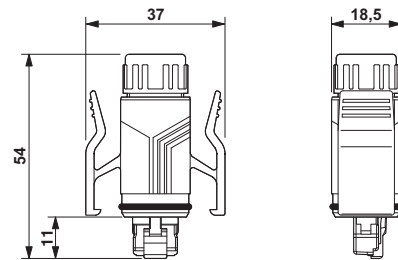
Cable - VS-08-4X2X26C6/BK-2XVS67/ 5 - 1658464

Dimensional drawing



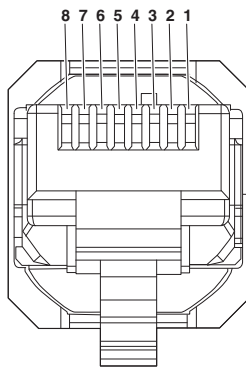
RJ45-connector, IP67

Dimensional drawing



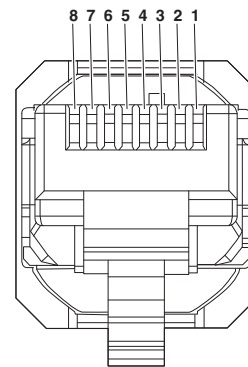
RJ45-connector, IP67

Schematic diagram



Connector pin assignment plug RJ45

Schematic diagram



Connector pin assignment plug RJ45

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