

VS-IP67B-IP67B-94D/1,0 - Network cable



1404985

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Assembled Ethernet cable, shielded, 4-pair, 26 AWG stranded (7-wire), RAL 9005 (jet black), RJ45 plug/IP67 (black) to RJ45 plug/IP67 (black), line, length: 1 m

Commercial data

Item number	1404985
Packing unit	1 pc
Minimum order quantity	50 pc
Product key	ABNNCA
GTIN	4046356731492
Weight per piece (including packing)	98.7 g
Weight per piece (excluding packing)	98.7 g
Country of origin	PL

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Technical data

Product properties

Sensor type	Ethernet
Number of positions	8
No. of cable outlets	1
Number of slots	1
Shielded	yes
Cable outlet	straight

Insulation characteristics

Degree of pollution	2
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Electrical properties

Wave impedance	100 Ω
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Material specifications

Flammability rating according to UL 94	V2
Outer sheath, material	PUR
Conductor material	Bare Cu litz wires

Cable/line

Ethernet [94D]

Dimensional drawing	
Shielded	yes
UL AWM Style	2464 (80°C/300 V)
Cable type	Ethernet
Cable type (abbreviation)	94D
Signal type/category	Ethernet CAT5 (IEC 11801), 1 Gbps
Cable structure	4x2xAWG26/7, SF/UTP
External cable diameter	6.40 mm ±0.2 mm
Outer sheath, material	PVC (reinforced) UV-resistant
External sheath, color	black RAL 9005
Thickness, outer sheath	0.80 mm
Conductor material	Bare Cu litz wires
Conductor structure signal line	7x 0.16 mm

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AWG signal line	26
Conductor cross section	4x 2x 0.14 mm ²
Material wire insulation	PP
Wire diameter incl. insulation	0.98 mm ±0.05 mm
Single wire, color	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 %
Nominal voltage, cable	72 V DC
	300 V AC
Test voltage Core/Core	2500 V DC (2 s)
Test voltage Core/Shield	2500.00 V DC (2 s)
Cable resistance	< 140 Ω/km
Cable insulation resistance	≥ 5 GΩ*km
Wave impedance	100 Ω ±15 Ω (at 4 ... 100 MHz)
Cable capacity	< 56 nF/km
Signal speed	0.6 c
Tensile strength	80 N
Smallest bending radius, fixed installation	30 mm
Smallest bending radius, movable installation	60 mm
Resistance to oil	according to IEC 60811-2-1
Flame resistance	According to VW-1
Other resistance	UV resistant (according to UL 1581, Section 1200)
Ambient temperature (operation)	-40 °C ... 80 °C (cable, fixed installation)

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 750
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
Ambient temperature (operation)	-25 °C ... 60 °C (cable, fixed installation)
	-5 °C ... 60 °C (Cable, flexible installation)

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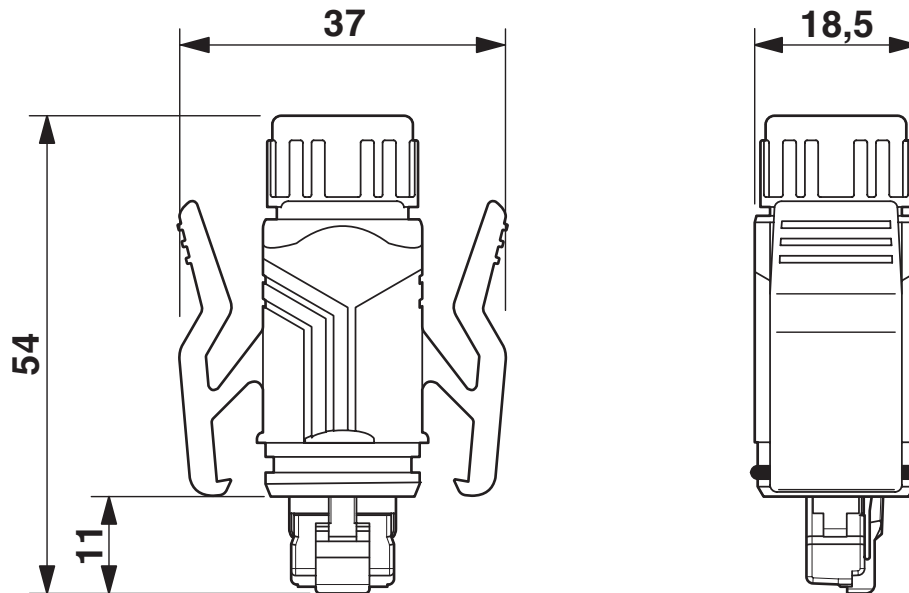
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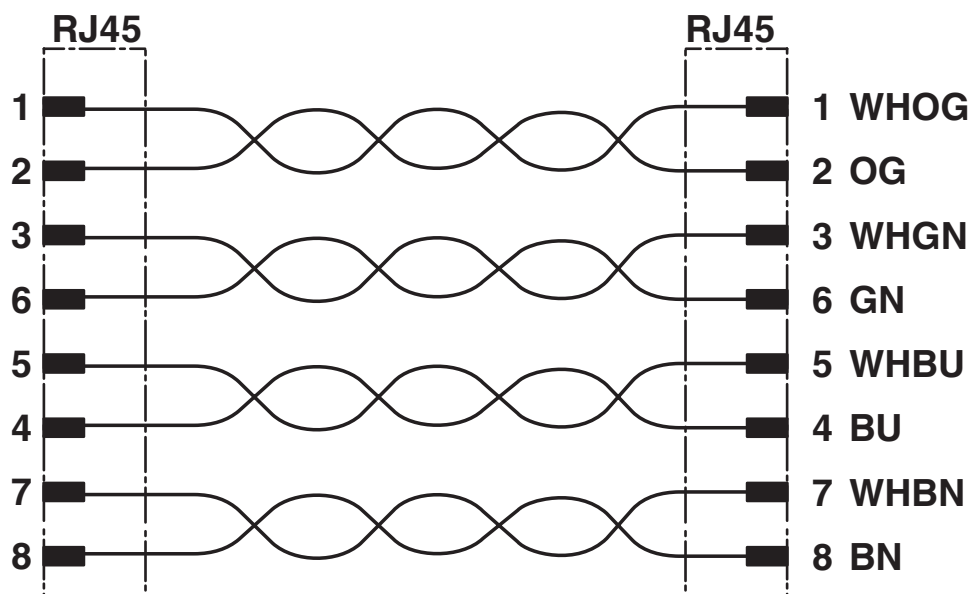


Drawings

Dimensional drawing



Circuit diagram



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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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