

https://www.phoenixcontact.com/cn/products/1406289



Network cable - VS-IP67/B-IP67/B-93E-LI/5,0 - 1406289


Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Assembled Ethernet cable, CAT5e, shielded, 2-pair, AWG 26 stranded (7-wire), RAL 5021 (water blue), RJ45 plug/IP67, black on RJ45 plug/IP67, black, line, length 5 m



Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 476089
GTIN	4046356476089
Custom tariff number	8536909000
Sales Key	ABNAEA

Technical data

Dimensions

Length of cable	5 m
-----------------	-----

Ambient conditions

Degree of protection	IP67
----------------------	------

General data

Number of positions	4
Signal type/category	Ethernet CAT5
Degree of pollution	2
	2
Alternative short product description	Ethernet cable

Characteristics head 1

Head type	Plug straight RJ45 / IP67
No. of positions (pin connector pattern)	4
Color	black

Characteristics head 2

https://www.phoenixcontact.com/cn/products/1406289



Network cable - VS-IP67/B-IP67/B-93E-LI/5,0 - 1406289

Technical data

Characteristics head 2

Head type	Plug straight RJ45 / IP67
No. of positions (pin connector pattern)	4
Color	black

Standards and Regulations

Flammability rating according to UL 94	V2
--	----

Cable

Cable type	PUR ETHERNET 2x2 FLEX
Cable type (abbreviation)	93E
UL AWM style	20963 (80°C/30 V)
Signal type/category	Ethernet CAT5 (IEC 11801), 100 Mbps
Cable structure	2x2xAWG26/7; SF/UTP
Conductor cross section	2x 2x 0.14 mm ²
AWG signal line	26
Conductor structure signal line	7x 0.16 mm
Core diameter including insulation	0.98 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	Aluminum-coated foil, tinned copper braided shield
Optical shield covering	70 %
External sheath, color	water blue RAL 5021
Outer sheath thickness	1.2 mm
External cable diameter D	6.4 mm ±0.2 mm
Minimum bending radius, fixed installation	4 x D
Minimum bending radius, flexible installation	8 x D
Tensile strength short-term/long-term	≤ 80N
Cable weight	42 kg/km
Outer sheath, material	PUR
Material conductor insulation	Foamed PE
Conductor material	Bare Cu litz wires
Standards/specifications	Electrical requirements EN 50288-2-2
Insulation resistance	≥ 500 MΩ*km
Loop resistance	≤ 290 Ω (per km)
Cable capacity	approx. 45 nF/km (at 1 kHz)
Wave impedance	100 Ω ±5 Ω (at 100 MHz)
Signal runtime	5.3 ns/m
Coupling resistance	≤ 100.00 mΩ/m (At 10 MHz)
Nominal voltage, cable	≤ 100 V (Peak value, not for high-power applications)
Test voltage Core/Core	700 V (50 Hz, 1 min.)
Test voltage Core/Shield	700 V (50 Hz, 1 min.)

03/03/2017 Page 2 / 3

<https://www.phoenixcontact.com/cn/products/1406289>



Network cable - VS-IP67/B-IP67/B-93E-LI/5,0 - 1406289

Technical data

Cable

Flame resistance	according to IEC 60332-1-2
	in acc. to UL VW1
Halogen-free	According to IEC 60754-1
Resistance to oil	according to EN 60811-2-1
Ambient temperature (operation)	-40 °C ... 80 °C (cable, fixed installation)
	-20 °C ... 80 °C (cable, flexible installation)
Ambient temperature (installation)	-20 °C ... 80 °C
Ambient temperature (storage/transport)	-20 °C ... 80 °C

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC		B.00767
-----	--	---------

Phoenix Contact 2017 © - all rights reserved
<http://www.phoenixcontact.com>