

Network cable - VS-PPC/PL-IP20-94C-LI/2,0 - 1412972

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://download.phoenixcontact.com>)



Assembled Ethernet cable, shielded, 4-pair, AWG 26 suitable for use with drag chain (19-wire), RAL 5021 (sea blue), RJ45 connector/IP67 push/pull plastic housing on RJ45 connector/IP20, line, length 2 m



Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	200.0 GRM
Custom tariff number	85444210
Country of origin	Poland

Technical data

Dimensions

Length of cable	2 m
-----------------	-----

General data

Number of positions	8
Signal type/category	Ethernet CAT5
Pollution degree	2

Characteristics head 1

Head type	Plug Straight RJ45 Push Pull / IP67
No. of positions (pin connector pattern)	8
Material (component)	Plastic

Characteristics head 2

Head type	Plug Straight RJ45 / IP20
No. of positions (pin connector pattern)	8
Material (component)	Plastic

Cable

Network cable - VS-PPC/PL-IP20-94C-LI/2,0 - 1412972

Technical data

Cable

Cable type	Ethernet
Cable type (abbreviation)	94C
Signal type/category	Ethernet CAT5 (IEC 11801:2002)
	Ethernet CAT5e (TIA 568B:2001)
Cable structure	4x2xAWG26/19; S-UTP
Conductor cross section	4x 2x 0.16 mm ²
AWG signal line	26
Conductor structure signal line	19x 0.10 mm
Core diameter including insulation	max. 1 mm
Wire colors	White-blue, white-orange, white-green, white-brown
Twisted pairs	2 cores to the pair
Overall twist	4 pairs for core
Shielding	Tinned copper braided shield
External sheath, color	water blue RAL 5021
External cable diameter D	7.7 mm
Smallest bending radius, fixed installation	39 mm (cable, fixed installation)
Smallest bending radius, movable installation	39 mm (cable, flexible installation)
Number of bending cycles	5000000
Bending radius	57.8 mm
Traversing path	1.8 m
Traversing rate	3 m/s
Acceleration	9 m/s ²
Cable weight	70 kg/km
Outer sheath, material	PUR
Material, inner sheath	Elastomer
Material conductor insulation	Teflon
Conductor material	Bare Cu litz wires
Insulation resistance	min. 0.5 GΩ*km
Conductor resistance	max. 125000000 Ω/km
Working capacitance	57 nF
Wave impedence	100 Ω ±5 Ω (at 100 MHz)
Nominal voltage, cable	125 V
Test voltage Core/Core	1000 V
Flame resistance	IEC 60332-2-2
Resistance to oil	in accordance with DIN EN 60811-2-1
Other resistance	Hydrolysis resistance as per DIN 53504
	resistant to welding splash in accordance with DIN VDE 0282

Network cable - VS-PPC/PL-IP20-94C-LI/2,0 - 1412972

Technical data

Cable

Ambient temperature (operation)	-20 °C ... 60 °C (cable, fixed installation)
	0 °C ... 50 °C (cable, flexible installation)

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27060307
eCl@ss 6.0	27061801
eCl@ss 7.0	27061801
eCl@ss 8.0	27061801

ETIM

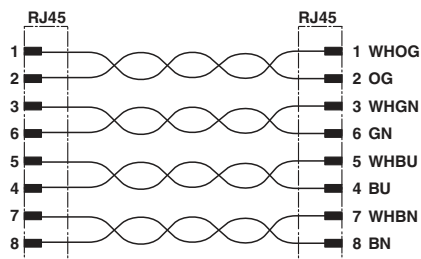
ETIM 3.0	EC000830
ETIM 4.0	EC002599
ETIM 5.0	EC000830

UNSPSC

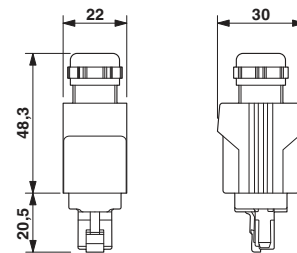
UNSPSC 6.01	26121616
UNSPSC 7.0901	26121616
UNSPSC 11	26121604
UNSPSC 12.01	31261501
UNSPSC 13.2	26121616

Drawings

Circuit diagram



Dimensioned drawing



Push-pull RJ45 connector IP65/67

