

## Network cable - VS-IP67-IP20-94B-LI/5,0 - 1407932

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 stranded (7-wire), RAL 5021 (sea blue), RJ45 connector/IP67, gray to RJ45 connector/IP20, gray, line, length 5 m



### Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	260.0 GRM
Custom tariff number	85444210
Country of origin	Poland

### Technical data

#### Dimensions

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

#### Ambient conditions

Degree of protection	IP20
	IP67

#### General data

Number of positions	8
Signal type/category	Ethernet CAT5, 0.1 Gbps
Pollution degree	2

#### 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 / IP20
-----------	---------------------------

## Network cable - VS-IP67-IP20-94B-LI/5,0 - 1407932

### Technical data

#### Characteristics head 2

No. of positions (pin connector pattern)	8
Color	Gray

#### Cable

Cable type	Ethernet
Cable type (abbreviation)	94F
Signal type/category	Ethernet CAT6 <sub>A</sub>
Cable structure	4x2xAWG26/7; S/FTP
Conductor cross section	4x 2x 0.14 mm <sup>2</sup>
AWG signal line	26
Conductor structure signal line	7x 0.16 mm
Core diameter including insulation	1.04 mm
Thickness, insulation	0.28 mm (signal line)
	0.65 mm (Outer cable sheath)
Wire colors	white/blue-blue, white/orange-orange, white/green-green, white/brown-brown
Twisted pairs	2 cores to the pair
Type of pair shielding	Aluminum-lined polyester foil
Overall twist	4 pairs
Shielding	Tinned copper braided shield
Optical shield covering	70 %
External sheath, color	water blue RAL 5021
External cable diameter D	6.4 mm ±0.2 mm
Smallest bending radius, fixed installation	25.6 mm
Smallest bending radius, movable installation	51.2 mm
Tensile strength short-term/long-term	≤ 100 N
Cable weight	43 kg/km
Outer sheath, material	PUR
Material conductor insulation	PE
Conductor material	Bare Cu litz wires
Insulation resistance	≥ 500 MΩ*km (at 20 °C)
Conductor resistance	≤ 290000000 Ω/km (at 20 °C)
Wave impedance	100 Ω ±5 Ω (at 100 MHz)
Signal runtime	5.3 ns/m
Shield attenuation	≥ 80 dB (at 30 ... 100 MHz)
Nominal voltage, cable	≤ 100 V (at 20 °C)
Test voltage Core/Core	700 V (50 Hz, 1 min.)
Test voltage Core/Shield	700 V (50 Hz, 1 min.)

## Network cable - VS-IP67-IP20-94B-LI/5,0 - 1407932

### Technical data

#### Cable

Flame resistance	IEC 60332-1-2
Halogen-free	According to IEC 60754-1
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)

### 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

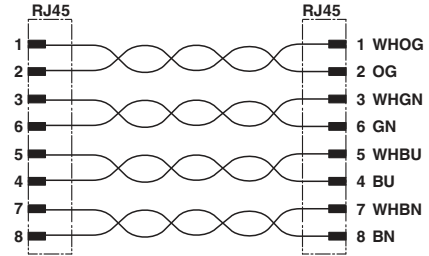
# Network cable - VS-IP67-IP20-94B-LI/5,0 - 1407932

Cable cross section

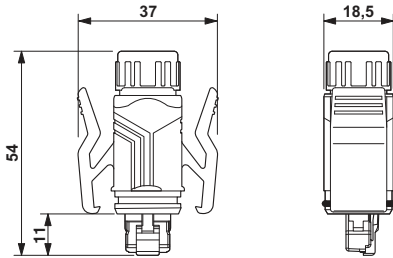


Ethernet [94F]

Circuit diagram



Dimensioned drawing



Dimensioned drawing

