

VS-IP20-IP20-93E-LI/7,0 - Network cable



1408280

<https://www.phoenixcontact.com/us/products/1408280>

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Assembled Ethernet cable, CAT5e, shielded, 2-pair, 26* AWG stranded (7-wire), RAL 5021 (water blue), RJ45 plug/IP20 to RJ45 plug/IP20, line, length: 7 m

Commercial data

Item number	1408280
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABNABD
GTIN	4046356802475
Weight per piece (including packing)	312.9 g
Weight per piece (excluding packing)	312.9 g
Country of origin	Information on the country of origin is provided with the delivery.

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Technical data

Product properties

Product type	Data cable preassembled
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Cable/line

Cable length	7.00 m
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Ethernet [93E]

Shielded	yes
Cable weight	42 kg/km
Cable type	Ethernet
Cable type (abbreviation)	93E
Signal type/category	Ethernet CAT5 (IEC 11801:2002)
Cable structure	2x2xAWG26/7 PIMF
External cable diameter	6.70 mm
Outer sheath, material	PUR
External sheath, color	water blue RAL 5021
Conductor material	Bare Cu litz wires
Conductor structure signal line	7x 0.15 mm
AWG signal line	26
Conductor cross-section	2x 2x 0.14 mm ²
Material wire insulation	Cell PE
Wire diameter incl. insulation	≤ 1.05 mm
Single wire, color	white/orange-orange, white/green-green
Twisted pairs	2 cores to the pair
Type of pair shielding	Aluminum-lined polyester foil
Overall twist	Two pairs with two fillers to the core
Shielding	Tinned copper braided shield
Nominal voltage, cable	max. 125 V
Test voltage, cable	1000 V
Cable resistance	≤ 150 Ω/km
Cable insulation resistance	≥ 5 GΩ*km
Coupling resistance	5.00 mΩ/m (at 10 MHz)
Wave impedance	100 Ω ±5 % (at 100 MHz)
Working capacitance	42 pF
Signal speed	0.72 c
Tensile strength	30 N (for installation) 10 N (in accordance with installation)
Smallest bending radius, movable installation	34 mm
Shield attenuation	60.00 dB (up to 1000 MHz)
Halogen-free	complying with IEC 60754-1/2
Resistance to oil	in accordance with DIN EN 60811-2-1
Concentration of fumes	in accordance with IEC 61034-1/2

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Flame resistance	complying with IEC 60332-2-2
Other resistance	Microbe resistance as per VDE 0282 section 10
	Hydrolysis resistance as per DIN 53504
Special properties	Free of substances which would hinder coating with paint or varnish
Ambient temperature (operation)	-10 °C ... 50 °C (Cable, flexible installation)
	-40 °C ... 70 °C (cable, fixed installation)

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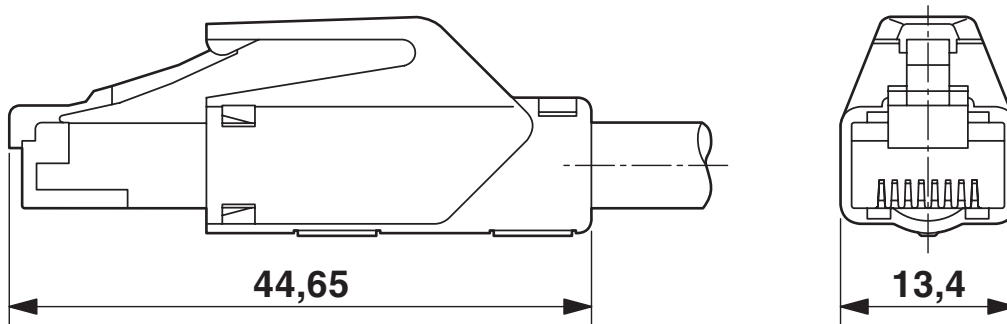


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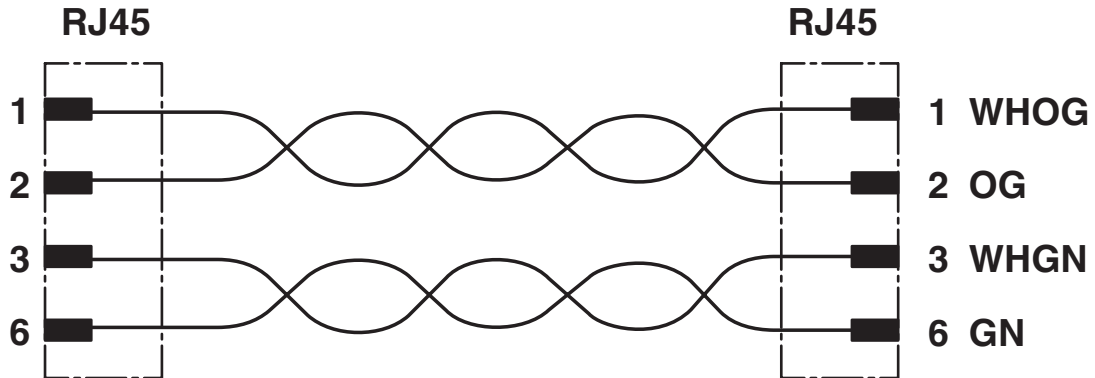
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Drawings

Dimensional drawing



Circuit diagram



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Classifications

ECLASS

ECLASS-13.0	27060307
ECLASS-15.0	27060307

UNSPSC

UNSPSC 21.0	26121604
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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-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com