

Patch cable - VS-IP20/10G-IP20/10G-94F/1



1418866

<https://www.phoenixcontact.com/us/products/1418866>

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Patch cable, CAT6_A, 4-pair, shielded, connection not crossed (Line), assembled at both ends with RJ45/IP20 connectors; outer sheath material: PUR; length: 1.0 m

Commercial Data

Item number	1418866
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	A08
Product Key	ABNAAK
Catalog Page	Page 402 (C-2-2019)
GTIN	4046356537971
Weight per Piece (including packing)	68.5 g
Weight per Piece (excluding packing)	62.9 g
Customs tariff number	85444210
Country of origin	DE

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Technical Data

Product properties

Product type	Data cable preassembled
Number of positions	8
Shielded	yes

LED signaling

Status display	No
Status display present	No

Electrical properties

Nominal voltage U_N	48 V
Nominal current I_N	0.5 A
Transmission medium	Copper

Connector

Insertion/withdrawal cycles	200
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Connection 1

Degree of protection	IP20
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Cable / line

Cable length	1.00 m
Cable weight	44.00 kg/km
Cable type	Ethernet
Cable structure	4x2xAWG26/7; S/FTP
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 0.16 mm
AWG signal line	26
Wire diameter incl. insulation	1 mm
Single wire, color	White-blue, white-orange, white-green, white-brown
Wave impedance	100 Ω $\pm$ 5 % (at 100 MHz)
Smallest bending radius, fixed installation	min. 33.5 mm
Smallest bending radius, movable installation	min. 33.5 mm
Smallest bending radius, fixed installation	min. 33.5 mm
Smallest bending radius, movable installation	min. 33.5 mm

Ambient conditions

Degree of protection	IP20
Degree of protection	IP20

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Ambient temperature (operation)	-20 °C ... 70 °C (RJ45 connector)
	-20 °C ... 80 °C (cable, fixed installation)

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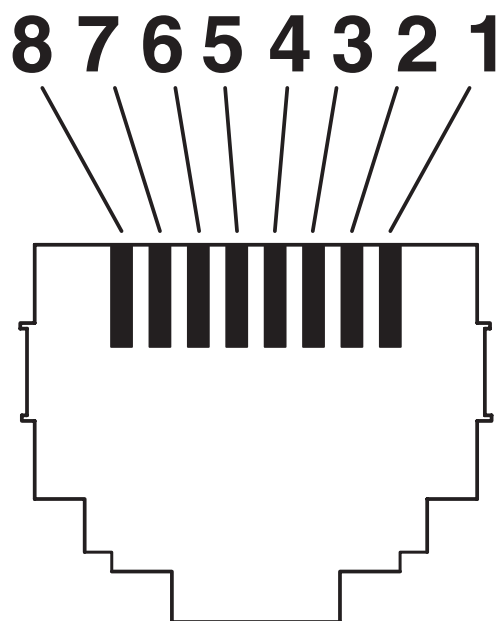
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Drawings

Schematic diagram



Connector pin assignment plug RJ45

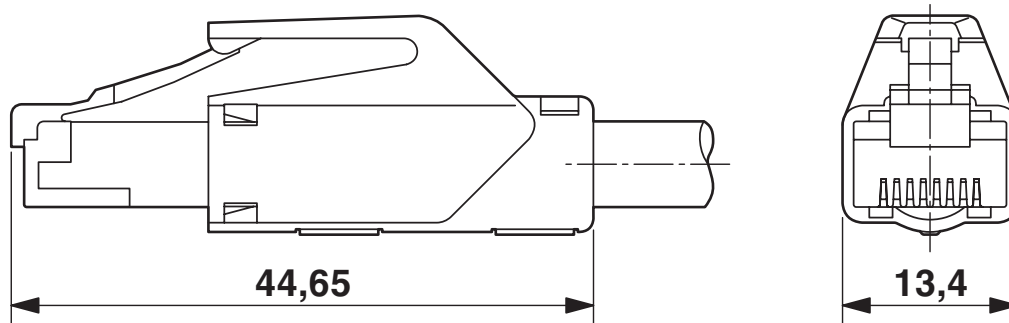
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Dimensional drawing



RJ45 connector, IP20

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Approvals



EAC

Approval ID: 19060508

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Classifications

ECLASS

ECLASS-9.0	27060308
ECLASS-10.0.1	27060308
ECLASS-11.0	27060308

ETIM

ETIM 8.0	EC002599
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UNSPSC

UNSPSC 21.0	26121600
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Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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