

## Patch cable - VS-PNRJ45-PNRJ45R-93B-1,0 - 1418248

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PROFINET patch cable, shielded, star-quad, 22 AWG stranded (7-wire), green, straight RJ45 male connector/IP20 to angled RJ45 male connector/IP20, length: 1.0 m

PROFINET patch cable



### Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	100.0 g
Custom tariff number	85444210
Country of origin	Poland

### Technical data

#### Dimensions

Length of cable	1 m
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#### Ambient conditions

Degree of protection	IP20
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#### General data

Rated current at 40°C	1 A
Rated voltage	50 V
Number of positions	4
Signal type/category	PROFINET CAT5 (IEC 11801:2002), 100 Mbps
Overvoltage category	I
Degree of pollution	1

#### Characteristics head 1

Head type	Plug straight RJ45 / IP20
No. of positions (pin connector pattern)	4
Color	black

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## Technical data

### Characteristics head 1

Material (component)	CuSn (Contact)
	Ni/Au (Contact surface)
	PA (Contact carriers)
	PA (Housing)

### Characteristics head 2

Head type	Plug angled RJ45 / IP20
No. of positions (pin connector pattern)	4
Color	black
Material (component)	CuSn (Contact)
	Ni/Au (Contact surface)
	PA (Contact carriers)
	PA (Housing)

### Standards and Regulations

Flammability rating according to UL 94	V2
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### Cable

Signal type/category	PROFINET CAT5 (IEC 11801:2002)
Cable structure	1x4xAWG22/7; SF/TQ
Conductor cross section	0.34 mm <sup>2</sup>
AWG signal line	22
Conductor structure signal line	7x 0.25 mm
Core diameter including insulation	approx. 1.5 mm
Wire colors	White, yellow, blue, orange
External sheath, color	green RAL 6018
Outer sheath, material	PVC
Conductor material	Tin-plated Cu litz wires
Wave impedance	100 Ω ±15 Ω (at 1 ... 100 MHz)

### 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

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### Classifications

#### eCl@ss

eCl@ss 8.0	27060308
eCl@ss 9.0	27060308

#### ETIM

ETIM 4.0	EC002599
ETIM 5.0	EC002599

#### UNSPSC

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

### Approvals

#### Approvals

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#### Approvals

#### EAC

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#### Ex Approvals

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#### Approvals submitted

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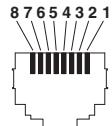
#### Approval details

EAC
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#### Drawings

## Patch cable - VS-PNRJ45-PNRJ45R-93B-1,0 - 1418248

Schematic diagram

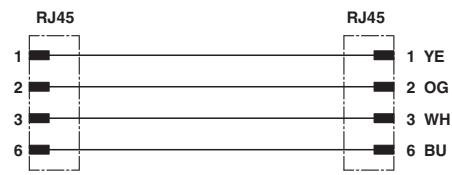


Connector pin assignment plug RJ45

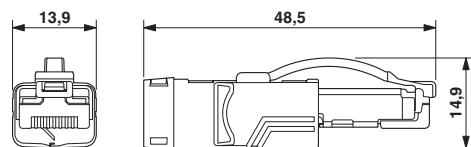
Cable cross section



Circuit diagram

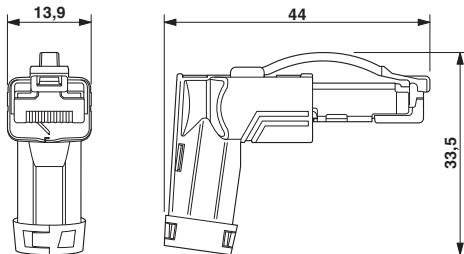


Dimensional drawing



RJ45 connector, IP20

Dimensional drawing



RJ45 connector, IP20, angled

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