

## Bus system cable - VS-PNRJ45-PNRJ45R-93B-2,0 - 1418277

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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: 2.0 m

Profinet patch cable



### Key commercial data

Packing unit	0
Minimum order quantity	1
Catalog page	Page 319 (PC-2011)
GTIN	 4 046356 534505
Custom tariff number	85444210
Country of origin	POLAND

### Technical data

#### Mechanical characteristics

Number of positions	4
Connection profile	RJ45 8(4)
Insertion/withdrawal cycles	≥ 750
Type of cable	Round cable
Length of cable	2 m
Ambient temperature (operation)	-25 °C ... 80 °C

#### Material data

Inflammability class according to UL 94	V2
Housing material	PA 6.6
Contact material	CuSn
Contact surface material	Ni/Au
Degree of protection	IP20

#### Electrical characteristics

Rated current	1.75 A
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#### Line characteristics

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## Technical data

### Line characteristics

Cable type	PROFINET
Cable structure	1x4xAWG22/7; SF/Q
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
External cable diameter	6.50 mm
Wire colors	White, yellow, blue, orange
External sheath, color	Green RAL 6018
Transmission characteristics (category)	CAT5 (IEC 11801:2002), CAT5e (TIA 568B:2001)
Wave impedance	100 Ω ± 15 Ω (At 1- 100 MHz)
Outer sheath, material	PVC
Conductor material	Tin-plated Cu litz wires

## Classifications

### eclass

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

### etim

ETIM 4.0	EC002599
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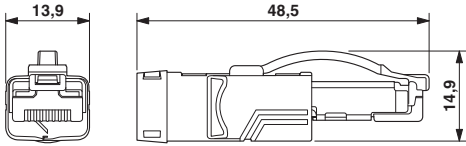
### unspsc

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

## Drawings

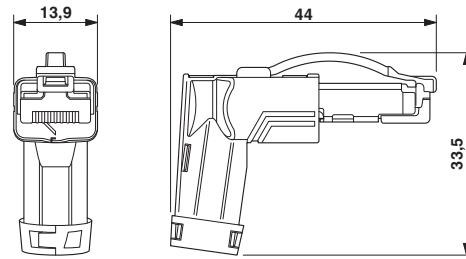
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Dimensioned drawing



RJ45 plug connector, IP20

Dimensioned drawing



RJ45 plug-in connector, IP20, angled

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Circuit diagram

