

## Bus system cable - VS-PNRJ45-PNRJ45-93B-1,0 - 1418235

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

Profinet patch cable



### Key commercial data

|                        |                                                                                                         |
|------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit           | 0                                                                                                       |
| Minimum order quantity | 1                                                                                                       |
| Catalog page           | Page 319 (PC-2011)                                                                                      |
| GTIN                   | <br>4 046356 534468 |
| 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                 | 1 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 |
|---------------|--------|

#### 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 |
|----------|----------|

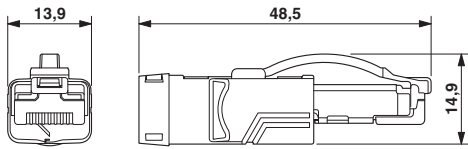
#### unspsc

|               |          |
|---------------|----------|
| 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

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Circuit diagram

