

Bus system cable - VS-PNRJ45R-PNRJ45R-93B-1,0 - 1418251

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Profinet patch cable, shielded, star-quad, 22 AWG stranded (7-wire), green, angled RJ45 male connector/IP20 to angled 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 |  4 046356 534482 |
| Custom tariff number | 85444210 |
| Country of origin | GERMANY |

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 ² |
| 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 |
|----------|----------|

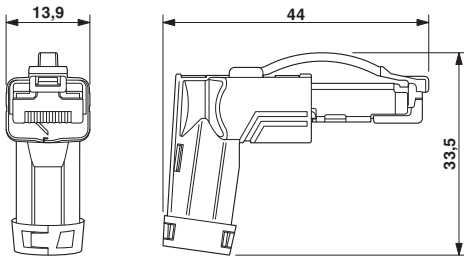
unspsc

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

Drawings

Bus system cable - VS-PNRJ45R-PNRJ45R-93B-1,0 - 1418251

Dimensioned drawing



RJ45 plug-in connector, IP20, angled

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Circuit diagram

