

Bus system cable - VS-PNRJ45R-PNRJ45R-93K-1,0 - 1402515

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SERCOS III patch cable, shielded, star quad, AWG 22 stranded (7-wire), RAL 3020 (traffic red), RJ45 connector/IP 20, angled, to RJ45 connector/IP20, angled, length: 1.0 m

SERCOS III patch cable



Key commercial data

| | |
|------------------------|---------------------|
| Packing unit | 0 |
| Minimum order quantity | 1 |
| Catalog page | Page 321 (PC-2011) |
| GTIN | 4 046356 622547 |
| Custom tariff number | 85444210 |
| Country of origin | POLAND |

Technical data

Mechanical characteristics

| | |
|---------------------------------|---|
| Number of positions | 4 |
| Length of cable | 1 m |
| Ambient temperature (operation) | -20 °C ... 70 °C (cable, flexible installation) |

Material data

| | |
|---|------|
| Inflammability class according to UL 94 | V0 |
| Degree of protection | IP20 |

Line characteristics

| | |
|------------------------------------|-------------------------------------|
| 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 |
| Thickness, insulation | Approx. 0.9 mm (Outer cable sheath) |
| External cable diameter | 6.50 mm |
| Wire colors | White, yellow, blue, orange |

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Technical data

Line characteristics

| | |
|---|--|
| External sheath, color | signal red RAL 3020 |
| Insulation resistance | min. 0.5 GΩ*km |
| Conductor resistance | ≤ 120 Ω/km |
| Transmission characteristics (category) | CAT5 (IEC 11801:2002), CAT5e (TIA 568B:2001) |
| Working capacitance | 52 pF |
| Wave impedance | 100 Ω ± 15 Ω (At 1- 100 MHz) |
| Signal runtime | 5.3 ns/m |
| Coupling resistance | max. 20.00 mΩ/m |
| Test voltage Core/Core | 2000 V |
| Test voltage Core/Shield | 2000 V |
| Type of pair shielding | Aluminum-lined polyester foil |
| Overall twist | Star quad |
| Shielding | Tinned copper braided shield |
| Outer sheath, material | PVC |
| Material, inner sheath | PVC |
| Material conductor insulation | PE |
| Conductor material | Tin-plated Cu litz wires |
| Cable weight | 67 kg/km |
| Smallest bending radius, fixed installation | min. 19.5 mm |
| Smallest bending radius, movable installation | min. 45.5 mm |

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

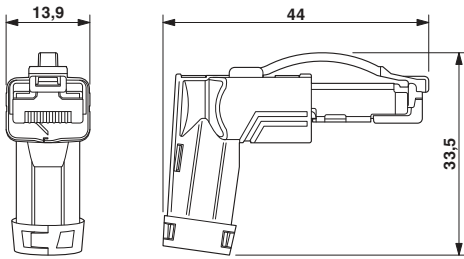
unspsc

| | |
|---------------|----------|
| 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-93K-1,0 - 1402515

Dimensioned drawing



RJ45 plug-in connector, IP20, angled

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Circuit diagram

