

Flat-ribbon conductor - VS-ASI-FC-PVC-UL-YE/1000 - 1404867


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AS-Interface PVC flat conductor with UL in yellow, 2 x 1.5 mm², 1000 m on an one-way drum



Key Commercial Data

| | |
|--------------|---|
| Packing unit | 1 STK |
| GTIN |  4 046356 327596 |
| GTIN | 4046356327596 |

Technical data

Mechanical characteristics

| | |
|---------------------|------------------------|
| Number of positions | 2 |
| Shielded | No |
| Type of cable | Flat-ribbon conductor |
| Cable structure | 2x 1.5 mm ² |
| Length of cable | 1000 m |

Ambient conditions

| | |
|---|---------------------------------------|
| Ambient temperature (operation) | -30 °C ... 90 °C (fixed routing) |
| | -20 °C ... 90 °C (Flexibly installed) |
| Ambient temperature (assembly) | -20 °C ... 90 °C |
| Ambient temperature (storage/transport) | -30 °C ... 90 °C |

Material data

| | |
|------------------------|--------|
| Outer sheath, material | PVC |
| External sheath, color | yellow |

Electrical characteristics

| | |
|-----------------------|-------|
| Rated voltage (III/3) | 300 V |
| Rated surge voltage | 2 kV |

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Technical data

Line characteristics

| | |
|---|---|
| Type of cable | Flat-ribbon conductor |
| Cable structure | 2x 1.5 mm ² |
| Conductor cross section | 1.5 mm ² |
| AWG signal line | 16 |
| Conductor structure signal line | 84x 0.15 mm |
| Core diameter including insulation | 2.5 mm |
| Thickness, insulation | approx. 0.5 mm |
| Wire colors | brown, blue |
| External sheath, color | lemon yellow RAL 1012 |
| Insulation resistance | ≥ 1 MΩ*km |
| Conductor resistance | ≤ 13.7 Ω/km |
| Nominal voltage, cable | 300 V |
| Test voltage, cable | 2000 V |
| Outer sheath, material | PVC |
| Material conductor insulation | TPE |
| Conductor material | Bare Cu litz wires |
| Cable weight | 73 kg/km |
| Smallest bending radius, fixed installation | ≥ 6 mm (one-time) |
| Traversing direction | horizontal, above the broadside |
| Max. bending cycles | 8000000 |
| Bending radius | 75 mm |
| Traversing rate | 4 m/s |
| Acceleration | 4 m/s ² |
| Traversing direction | vertical, above the broadside |
| Max. bending cycles | 10000000 |
| Bending radius | 50 mm |
| Special properties | UL type CL2 accord. to UL 13 and NEC Article 725 |
| | UL type CMG accord. to UL 444 and NEC Article 800 |
| Flame resistance | UL 1581, Sec. 1061 (Cable Flame) |
| | UL 1581, Sec. 1060 (FT-1) |
| | UL 1685 (CSA FT 4) |
| | IEC 60332-1-2 |
| Halogen-free | no |
| Resistance to oil | UL 1581, Sec. 480 (60 °C) |
| Other resistance | UV resistant |

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