



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Flat-ribbon conductor - VS-ASI-FC-TPE-UL-BK 1000M - 1434675


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AS-Interface TPE flat conductor with UL in black, for additional power supply, 2 x 1.5 mm², 1000 m disposable drum



Key Commercial Data

| | |
|--------------|---|
| Packing unit | 1 STK |
| GTIN |  4 046356 349284 |
| GTIN | 4046356349284 |

Technical data

Mechanical characteristics

| | |
|---------------------|--------------------------------|
| Number of positions | 2 |
| Shielded | No |
| Type of cable | Flat-ribbon conductor |
| Cable structure | 2x 1.5 mm ² |
| Duty cycle testing | Flexible cable conduit capable |
| Length of cable | 1000 m |

Ambient conditions

| | |
|---|--|
| Ambient temperature (operation) | -40 °C ... 105 °C (fixed routing) |
| | -30 °C ... 105 °C (Flexibly installed) |
| Ambient temperature (assembly) | -30 °C ... 105 °C |
| Ambient temperature (storage/transport) | -40 °C ... 105 °C |

Material data

| | |
|------------------------|----------------|
| Outer sheath, material | TPE |
| External sheath, color | black RAL 9005 |

Electrical characteristics

| | |
|-----------------------|-------|
| Rated voltage (III/3) | 300 V |
|-----------------------|-------|

Flat-ribbon conductor - VS-ASI-FC-TPE-UL-BK 1000M - 1434675

Technical data

Electrical characteristics

| | |
|---------------------|------|
| Rated surge voltage | 2 kV |
|---------------------|------|

Standards and Regulations

| | |
|--------------------|--------------------------------|
| Duty cycle testing | Flexible cable conduit capable |
|--------------------|--------------------------------|

Line characteristics

| | |
|---|----------------------------------|
| Type of cable | Flat-ribbon conductor |
| Cable structure | 2x 1.5 mm ² |
| Conductor cross section | 1.5 mm ² |
| AWG power supply | 16 |
| Conductor structure, voltage supply | 84x 0.15 mm |
| Core diameter including insulation | 2.5 mm |
| Thickness, insulation | approx. 0.5 mm |
| Wire colors | brown, blue |
| External sheath, color | black RAL 9005 |
| Insulation resistance | ≥ 1 MΩ*km |
| Conductor resistance | ≤ 13.7 Ω/km |
| Nominal voltage, cable | 300 V |
| Test voltage, cable | 2000 V |
| Outer sheath, material | TPE |
| Material conductor insulation | TPE |
| Conductor material | Bare Cu litz wires |
| Cable weight | 64 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-Style 2103 |
| | CSA-File LL55255-42 |
| Flame resistance | UL 1581, Sec. 1061 (Cable Flame) |
| | IEC 60332-1-2 |
| Halogen-free | no |
| Resistance to oil | UL 1581, Sec. 480 (60 °C) |
| Other resistance | UV resistant |

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