



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 100M - 1404935


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AS-Interface TPE flat conductor with UL in black, for additional power supply, 2 x 1.5 mm², 100 m ring



Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 339247
GTIN	4046356339247

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	100 m

Ambient conditions

Ambient temperature (operation)	-30 °C ... 105 °C (Flexibly installed)
	-40 °C ... 105 °C (fixed routing)
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
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Flat-ribbon conductor - VS-ASI-FC-TPE-UL-BK 100M - 1404935

Technical data

Electrical characteristics

Rated surge voltage	2 kV
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Standards and Regulations

Duty cycle testing	Flexible cable conduit capable
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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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