



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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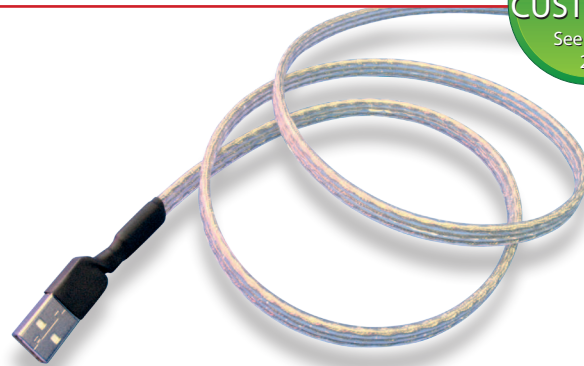


USB Cable

NEED CUSTOMS?
See Page 25

- USB 2.0 and 3.0 Available
- Ideal for High Performance Data Transmission Applications
- Ultra Flexible Cable for Confined Area and Continuous Motion

Comprised of 2 individually shielded power wires and 1 twisted shielded pair of 100 ohm twinaxial configuration for USB 2.0 and 3 twisted pairs of 100 ohm twinaxial configuration for USB 3.0, Cicoil's Flexx-Sil™ jacketed USB cables are designed for highly demanding applications. Unlike typical USB cables, the Cicoil cable has been designed for high flexibility, mechanical stress, temperature extremes and harsh environments. And the flat cable construction guarantees clear, high speed data transmission, even in the toughest of environments.



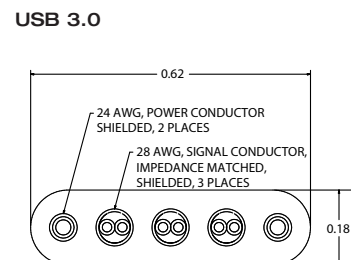
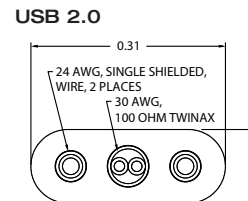
Applications
Indoor and outdoor USB applications

Cable

Type	Amp Rating ¹		Conductor Gauge		Dimensions [inches]		Part Number
	Power	Signal	Power	Signal	Width	Height	
USB 2.0	7	3	24 AWG/2c	30 AWG/1 pr	0.31	0.15	USB-2000
USB 3.0	10	5	24 AWG/2c	28 AWG/3 pr	0.62	0.18	USB-3000

Note
1. Amp rating is the maximum value for each conductor at room temperature of 70°F (21°C). Amp rating decreases as temperature increases.

Dimensions



Cable Assemblies



Please contact Cicoil for other connectors and length options.

Configuration	Cable Length (feet)	Part Number Addition
Host to Host	3	-CAH003
	6	-CAH006
	12	-CAH012
Host to Peripheral	3	-CAP003
	6	-CAP006
	12	-CAP012

- Notes**
1. Append onto base cable Part Number for complete assembly. Example: USB-2000-H-CA003
 2. Connector ratings may differ from cable ratings; refer to manufacturer specifications.

Assembly Dimensions

Host to Host



Connectors

- Signal (J1): USB Type A, P/N A-USBPA-3-R
- Signal (J2): USB Type B, P/N B-USBPB-3-R

Host to Peripheral



Cable Specifications

All engineering values are nominal and subject to change.

Mechanical	Environmental
Conductors: Ultra flexible, finely stranded, tinned copper	Temperature Rating: -65°C to +165°C
Shielding: Ultra flexible, braided shields, with 90% nominal coverage	Moisture Rating: Submersible, Salt Water Resistant
Minimum Bend Radius: - 6x cable height for intermediate flex - 10x cable height for continuous flex	Clean Room Rating: Class 1, Zero Particulates
Flex Life: 10,000,000 cycles nominal	Extreme Environments: Sunlight, UV Light, Alcohol, Chemical and Oil Resistant
Outer Jacket Durometer Rating: 65 (Shore A)	Electrical
	Outer Jacket Dielectric Strength: 450 volts/mil (17.7 kv/mm)
	See Electrical Rating Chart on Page 47

Options

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