



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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Camera Link® Cable

NEED CUSTOMS?
See Page 25

- Ideal for Motion Video, Vision and Frame Grabber Applications
- Exceeds Camera Link® Standards
- Separately-Shielded Conductors in Flat Package Provides Fastest Data Speeds

Cicoil Camera Link® cable is ideal for motion video and frame grabber applications that require an extremely durable and harsh environment resistant design. This design features a 10 million flex cycle life and high flexibility through the use of ultra-flex copper stranded wire in the 11 twinax, dual-shielded cables that comprise the Cicoil Camera Link® cable. Also, individually-shielded conductors in a flat cable create a constant, clear signal path for the highest data speeds available.



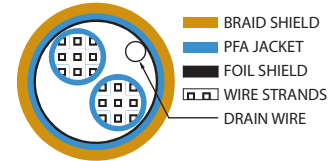
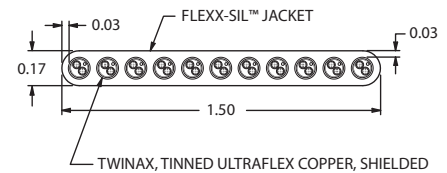
Applications
Aerospace, Robotics, Medical, Semiconductor, Automation

Cable

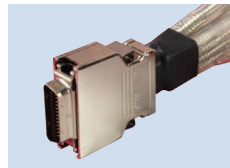
Amp Rating ¹	Conductor Gauge	No. of Pairs	Dimensions [inches]		Part Number
			Width	Height	
5	28 AWG	11	1.50	0.17	CL-1000

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



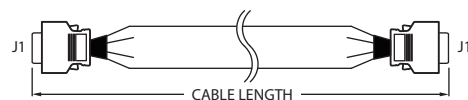
Please contact Cicoil for other connectors and length options.

Connector Type	Temperature Rating	Cable Length (feet)	Part Number Addition
Metal	-55°C to +105°C	3	-M-CA003
		6	-M-CA006
		12	-M-CA012
Plastic	-20°C to +85°C	3	-P-CA003
		6	-P-CA006
		12	-P-CA012

Notes

1. Append onto base cable Part Number for complete assembly.
Example: CL-1000-M-CA003
2. Connector ratings may differ from cable ratings; refer to manufacturer specifications.

Assembly Dimensions



Connectors
• Signal (J1): Camera Link

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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