

Camera Link® Cable

- 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.



Cable

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

Note

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

Cable Assemblies



Please contact Cicoil for other				
connectors and length options.				

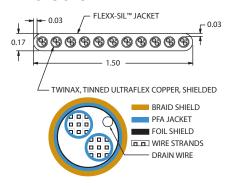
Assembly Dimensions

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

• Signal (J1): Camera Link

Connectors

Dimensions



Notes

- 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.

Cable Specifications

All engineering values are nominal and subject to change.

Mechanical

Conductors: Ultra flexible, finely stranded, tinned copper

Shielding: Ultra flexible, braided shields, with 90% nominal coverage

Minimum Bend Radius:

- 6x cable height for intermediate flex

- 10x cable height for continuous flex Flex Life: 10,000,000 cycles nominal

Outer Jacket Durometer Rating: 65 (Shore A)

Environmental

Temperature Rating: -65°C to +165°C

Moisture Rating: Submersible, Salt Water Resistant

Clean Room Rating: Class 1, Zero Particulates

Extreme Environments: Sunlight, UV Light, Alcohol, Chemical and Oil Resistant

Electrical

Outer Jacket Dielectric Strength: 450 volts/mil (17.7 kv/mm)

See Electrical Rating Chart on Page 47

Options	Page
Additional Conductors	26
Low Friction Options	28
StripMount™ Integrated Mounting Strip	28
Integrated Tubing	29
SuperTuff™ Jacket	29
Colored Jacketing	29
Strip and Tin Cable Ends	29
FlexRail™ Self-Supporting Cable	30
Complete Assembly	31

CABLE LENGTH