

### Flexibility

A 2-inch bend radius makes them ideal for linear motion and tight-space applications.

### Durability

All wires are fully encapsulated in 'glass-clear' silicone; a solid, one-piece construction that creates a highly durable cable package. The cable will not deform, break or wear for the lifetime of the product, even in high flex applications.

### Extreme Environments

Cicoil cables perform in temperatures from -65°C to 260°C, with excellent resistance to water, steam, and chemicals. Non-particulating, they are suitable for Class 1 clean room environments.

### Versatility

Combine additional power, signal and/or hollow tubing with Camera Link® into a single integrated cable for sophisticated capabilities.



Cicoil Camera Link® cable assemblies for industrial motion video equipment meet or exceed each of the specifications defined within the Camera Link® standard. And, Cicoil's cables provide an exceptionally long life of more than 10 million flex cycles, with a 50mm bend radius for unsurpassed flexibility. Cicoil manufactures these cable assemblies to custom lengths for the perfect fit.

## Specifications

### Electrical

- Voltage Rating:** 30 V
- Current Rating:** 1 A
- Insulation Resistance:** > 1 x 108 Ω @ 100Vdc
- Withstanding Voltage:** 350 VRMS for 1 minute
- Individually Shielded Twisted Pairs**
- Characteristic Impedance:** 100 ± 10 Ω
- Conductor Size:** 28 AWG Stranded
- Propagation Velocity:** 1.25 ns/ft (4.1 ns/m)
- Skew (within pair):** 50 ps/meter, max.
- Skew (channel skew per chipset):** 50 ps/meter, max.

### Environmental

- Acid Resistance:** Good
- Ozone Resistance:** Outstanding
- Oil Resistance:** Good
- Flame Resistance:** Good
- Water/Steam Resistance:** Excellent (Including salt and DIW)
- Alcohol Resistance:** Good
- Toxins:** Halogen-free

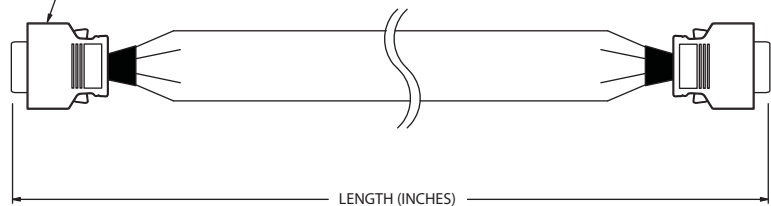
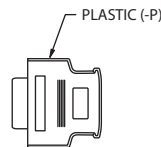
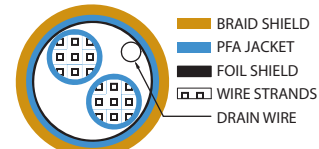
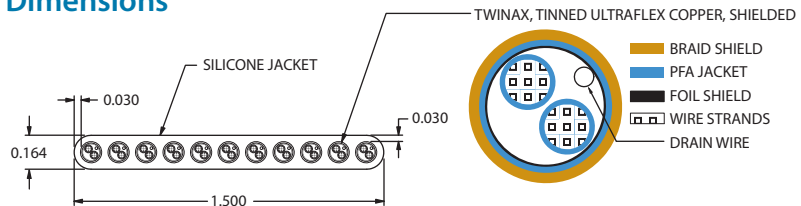
### Mechanical

- Minimum Bend Radius:** 2" (flexing applications)
- Life Expectancy:** 10,000,000 cycles, min. (Continuous flexing applications)

### Approvals

UL Recognized—File #E324413, CE

## Dimensions



Select basic Part Number based on Connector Type required. Replace "XXXX" with length in Inches. Specify quantity of connectors to be installed—one, two or none.

*Example:* CL-1000-M-0175; Metal Connector; 175 inches.

Connector Type	Temperature Rating	Part Number	Price per Foot	Connector Price (ea.)
Metal	-55°C to +105°C	CL-1000-M-XXXX	████	████
Plastic	-20°C to +85°C	CL-1000-P-XXXX	████	████

XXXX = Length in Inches

Specifications are nominal  
Specifications and Pricing are subject to change