



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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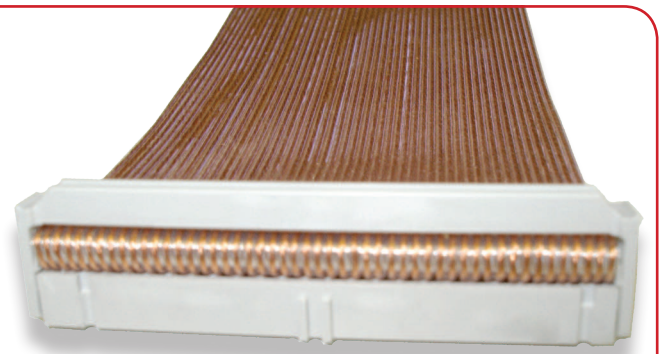
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Ultra Flexible Micro IDC Ribbon Cable

- Light, flexible design routes easily in tight spaces
- .025" Pitch works with any Micro IDC connector
- Standard sizes available with up to 64 conductors
- Rated for Temperatures from -65°C to +260°C

Cicoil's .025" Micro IDC Cable is excellent for tight spacing applications that require dependable signal density. The Ultra Flexible cable performs exceptionally well in harsh environments, including high/low temperatures, and under exposure to moisture and most chemicals.



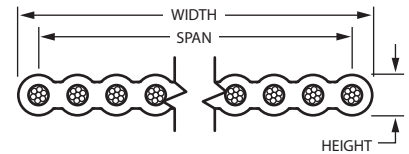
Applications
Aerospace, Robotics, Medical, Semiconductor, Surgical Systems, Printer Head, Satellites, Board-to-Board

Cable

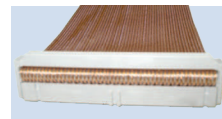
Gauge Pitch	Amp Rating ¹	Volts DC	No. of Conductors	Dimensions			Part Number
				Width	Span	Height	
30 AWG .025"	0.2	3K	10	0.250"	0.225"	0.026"	482W101-10
			14	0.350"	0.325"	0.026"	482W101-14
			16	0.400"	0.375"	0.026"	482W101-16
			20	0.500"	0.475"	0.026"	482W101-20
			26	0.650"	0.625"	0.026"	482W101-26
			28	0.700"	0.675"	0.026"	482W101-28
			30	0.750"	0.725"	0.026"	482W101-30
			34	0.850"	0.825"	0.026"	482W101-34
			40	1.000"	0.975"	0.026"	482W101-40
			44	1.100"	1.075"	0.026"	482W101-44
			50	1.250"	1.225"	0.026"	482W101-50
			60	1.500"	1.475"	0.026"	482W101-60
			64	1.600"	1.575"	0.026"	482W101-64

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



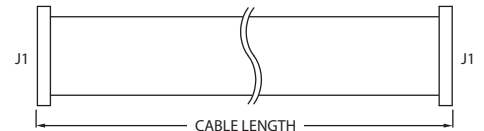
Please contact Cicoil for other connectors and length options.

Cable Length (feet)	Part Number Addition
3	-CA003
6	-CA006
12	-CA012

Notes

1. Append onto base cable Part Number for complete assembly. Example: 482W101-10-CA003
2. Connector ratings may differ from cable ratings; refer to manufacturer specifications.

Assembly Dimensions



Connectors

- Signal (J1): CnC Tech or equivalent (XX = Position Quantity)
.025" Pitch: P/N 3230-XX-0103-00

Cable Specifications

All engineering values are nominal and subject to change.

Mechanical	Environmental
Conductors: Ultra flexible, finely stranded, bare copper	Temperature Rating: -65°C to +260°C
Minimum Bend Radius: - 6x cable height for intermediate flex - 10x cable height for continuous flex	Moisture Rating: Submersible, Salt Water Resistant
Outer Jacket Durometer Rating: 65 (Shore A)	Clean Room Rating: Class 1, Zero Particulates
	Extreme Environments: Sunlight, UV Light, Alcohol, Chemical and Oil Resistant
	Electrical
	Operating Voltage: 300
	Outer Jacket Dielectric Strength: 450 volts/mil (17.7 kv/mm)
	See Electrical Rating Chart on Page 47

Options

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