

SINGLE CONDUCTOR PVC INSULATED LIGHT WALL

ULTRA-FLEXIBLE MICROMINIATURE LEAD WIRE

UL 1568 150V, 80°C 30 AWG AND LARGER

UL 1692 30V, 105°C 38 AWG AND LARGER

PRODUCT DESCRIPTION: Soft bare annealed copper, special soft PVC compound insulation. For micro miniature applications of internal wiring where maximum flexibility is required, such as control systems, gyroscopes, data processing equipment or biomedical instruments.

STRANDED

ABLE Part No.	Conductor		Insul. Thickness		Nom. Diameter		Max Voltage
	AWG	STRAND	IN.	MM.	IN.	MM.	
16138	38	7x46	0.005	0.127	0.015	0.381	200
16136	36	7x44	0.005	0.127	0.016	0.406	200
16134	34	10x44	0.005	0.127	0.017	0.432	200
16132	32	18x44	0.007	0.127	0.023	0.584	300
16130	30	28x44	0.010	0.127	0.030	0.762	600
16129	29	51x46	0.010	0.127	0.033	0.838	600
16126	28	41x44	0.010	0.127	0.035	0.899	600
16127	27	48x44	0.010	0.127	0.037	0.940	600
16126	26	66x44	0.010	0.127	0.042	1.067	600
16124	24	105x44	0.015	0.127	0.058	1.473	600
16122	22	168x44	0.015	0.127	0.064	1.626	600
16120	20	259x44	0.010	0.127	0.061	1.549	600
16120HW	20	105x40	0.032	0.127	0.100	2.540	600
16118	16	413x44	0.010	0.127	0.072	1.829	600
Available with FEP TEFLON® or silicon rubber insulation							

Colors: white, black, red, green, yellow, blue, orange, gray and violet.

**SINGLE CONDUCTOR PVC INSULATED LIGHT WALL
EXTRA FLEXIBLE GROUND AND POWER CABLE**

UL 1662 CSA AWM IA RATED 300V, 80°C

PRODUCT DESCRIPTION: Tinned copper 36 AWG strand insulated with PVC rated 80 C 300V. For applications requiring high current carrying capacity and increased flexibility.

STRANDED

ABLE Part No.	AWG	STRAND	No. of Ends	Circular MILS	Insul. Thickness In.	Nominal Diameter IN.	Nominal AMPS
16518	18	7x9x36	63	1,575	0.015	0.084	12
16516	16	7x15x36	105	2,625	0.015	0.099	16
16514	14	7x24x36	168	4,200	0.020	0.129	20
16512	12	7x37x36	259	6,475	0.020	0.149	25
16510	10	7x59x36	413	10,325	0.020	0.177	40
16508	8	7x95x36	665	16,625	0.030	0.230	55
16506	6	7x150x36	1050	26,250	0.045	0.305	85
16504	4	7x7x37x36	1666	41,650	0.045	0.409	105
16502	2	7x7x54x36	2646	66,150	0.045	0.474	140
165010	1/0	7x7x86x36	4214	105,350	0.060	0.600	205
165020	2/0	7x7x108x36	5292	132,300	0.060	0.662	225
165030	3/0	7x7x137x36	6713	167,800	0.060	0.724	260
165040	4/0	19x7x64x36	8512	212,800	0.060	0.814	300

COLOR: 0-black, 01-brown, 02-red, 03-orange, 04-yellow, 05-green, 06-blue, 07-violet, 08-gray, 09-white, 10-pink, 11-tan, 12-dark blue, 13-green/yellow.

