

The "Danger Zone" is defined as the distance at which operation may be hindered due to insufficient wire gauge, thus use of the next larger wire gauge is recommended.

Distances shown are for 24 VAC (low voltage) power cables.

Model	Nominal Power		Wire Gauge															
			0.5 mm ² 22 AWG		0.5 mm ² 20 AWG		1 mm ² 18 AWG		1.5 mm ² 16 AWG		2.5 mm ² 14 AWG		4 mm ² 12 AWG		6 mm ² 10 AWG		10 mm ² 8 AWG	
	Watts	Amps	meters	feet	meters	feet	meters	feet	meters	feet	meters	feet	meters	feet	meters	feet	meters	feet
LTC 0140	3.0	0.1250	180	595	290	945	460	1505	730	2390	1160	3800	1845	6045	2930	9610	4570	15000
LTC 0240	3.0	0.1250	180	595	290	945	460	1505	730	2390	1160	3800	1845	6045	2930	9610	4570	15000
LTC 0330	2.5	0.1042	220	715	345	1135	550	1805	875	2870	1390	4560	2210	7255	3515	11535	5485	18000
LTC 0350	2.5	0.1042	220	715	345	1135	550	1805	875	2870	1390	4560	2210	7255	3515	11535	5485	18000
LTC 0430	5.0	0.2083	110	355	175	565	275	900	435	1435	695	2280	1105	3625	1760	5765	2745	9000
LTC 0450	5.0	0.2083	110	355	175	565	275	900	435	1435	695	2280	1105	3625	1760	5765	2745	9000
LTC 0500	4.0	0.1667	135	445	215	710	346	1130	545	1795	870	2850	1380	4535	2200	7210	3430	11250
LTC 0600	4.0	0.1667	135	445	215	710	346	1130	545	1795	870	2850	1380	4535	2200	7210	3430	11250
LTC 7030/x0-38	2.5	0.1042	220	715	345	1135	550	1805	875	2870	1390	4560	2210	7255	3515	11535	5485	18000
LTC 7030/x0-55	27.5	1.1458	20	65	30	105	50	165	80	260	125	415	200	660	320	1050	500	1635
LTC 7035/x0-38	2.5	0.1042	220	715	345	1135	550	1805	875	2870	1390	4560	2210	7255	3515	11535	5485	18000
LTC 7035/x0-55	27.5	1.1458	20	65	30	105	50	165	80	260	125	415	200	660	320	1050	500	1635
TC353A	30.0	1.2500	20	60	30	90	45	150	70	230	105	350	165	550	260	850	460	1500
LTC 1140	3.0	0.1250	180	595	290	945	460	1505	730	2390	1160	3800	1845	6045	2930	9610	4570	15000
LTC 1160	3.0	0.1250	180	595	290	945	460	1505	730	2390	1160	3800	1845	6045	2930	9610	4570	15000
LTC 0725	15.0	0.6250	35	120	60	190	90	300	145	480	230	760	370	1210	585	1920	915	3000
ENVM2460	50.0	2.0833	10	35	15	55	25	90	45	145	70	230	110	365	175	575	280	915
LTC 0729	15.0	0.6250	35	120	60	190	90	300	145	480	230	760	370	1210	585	1920	915	3000
LTC 7040/x0-38	5.0	0.2083	110	355	175	565	275	900	435	1435	695	2280	1105	3625	1760	5765	2745	9000
LTC 7040/x0-55	30.0	1.2500	20	60	30	90	45	150	70	230	105	350	165	550	260	850	460	1500
LTC 7045/x0-38	5.0	0.2083	110	355	175	565	275	900	435	1435	695	2280	1105	3625	1760	5765	2745	9000
LTC 7045/x0-55	30.0	1.2500	20	60	30	90	45	150	70	230	105	350	165	550	260	850	460	1500
LTC 0825	15.0	0.6250	35	120	60	190	90	300	145	480	230	760	370	1210	585	1920	915	3000
ENVC2460	50.0	2.0833	10	35	15	55	25	90	45	145	70	230	110	365	175	575	280	915
LTC 0829	15.0	0.6250	35	120	60	190	90	300	145	480	230	760	370	1210	585	1920	915	3000
LTC 7945	30.0	1.2500	20	60	30	90	45	150	70	230	105	350	165	550	260	850	460	1500
LTC 1251	2.7	0.1125	200	660	320	1050	510	1670	810	2655	1290	4225	2045	6715	3255	10675	5070	16640
LTC 1262, 1263	3.0	0.1250	180	595	290	945	460	1505	730	2390	1160	3800	1845	6045	2930	9610	4570	15000
LTC 1261	2.7	0.1125	200	660	320	1050	510	1670	810	2655	1290	4225	2045	6715	3255	10675	5070	16640

All values rounded to the nearest 5 units.

Calculated with camera power requirements, 10% voltage drop, and solid copper wire resistance.

High temperatures will decrease distance.