

### Appendix B: Wire Gage Specifications

AWG	Strand	Approx. O.D.		Circular ML Area	Weight	
		Inches	mm		Lbs/Mft	kg/km
40	Solid	.003	.08	9.61	.030	.04
39	Solid	.004	.09	12.20	.038	.06
38	Solid	.004	.10	15.72	.048	.07
37	Solid	.005	.11	19.83	.061	.09
36	Solid	.005	.13	25.00	.076	.11
36	7/44	.006	.15	28.00	.085	.12
35	Solid	.006	.14	31.52	.095	.14
34	Solid	.006	.16	39.75	.120	.18
34	7/42	.007	.19	43.75	.132	.19
33	Solid	.007	.18	50.13	.152	.23
32	Solid	.008	.20	63.21	.191	.28
32	7/40	.008	.20	67.27	.203	.30
32	19/44	.009	.22	76.00	.230	.34
31	Solid	.009	.23	79.70	.241	.36
30	Solid	.010	.25	100.50	.304	.45
30	7/38	.012	.30	112.00	.339	.50
30	19/42	.012	.30	118.75	.359	.53
29	Solid	.011	.29	126.70	.384	.57
28	Solid	.013	.32	159.80	.484	.72
28	7/36	.015	.38	141.75	.529	.78
28	19/40	.016	.40	182.59	.553	.82
27	Solid	.014	.36	201.50	.610	.91
27	7/35	.018	.45	219.52	.664	.98
26	Solid	.016	.40	253.00	.769	1.14
26	19/38	.020	.50	304.00	.920	1.36
26	7/34	.019	.48	277.83	.841	1.25
25	Solid	.018	.46	320.40	.970	1.44
25	7/33	.021	.53	343.00	1.113	1.66
24	Solid	.020	.51	404.00	1.223	1.82
24	7/32	.024	.60	448.00	1.356	2.01
24	10/34	.023	.58	396.90	1.201	1.78
24	19/36	.024	.60	475.00	1.430	2.12
24	41/40	.023	.58	384.40	1.160	1.72
23	Solid	.023	.57	511.50	1.542	2.29
22	Solid	.025	.64	640.40	1.945	2.89
22	7/30	.030	.76	700.00	2.120	3.15
22	19/34	.031	.78	754.11	2.280	3.39
22	26/36	.030	.76	650.00	1.970	2.93
21	Solid	.029	.72	812.10	2.452	3.65
20	Solid	.032	.81	1,020.0	3.092	4.60
20	7/28	.038	.96	1,111.0	3.490	5.19
20	10/30	.035	.88	1,000.0	3.025	4.50
20	19/32	.037	.93	1,216.0	3.680	5.47
20	26/34	.036	.91	1,031.9	3.120	4.64
20	41/36	.036	.91	1,025.0	3.100	4.61
19	Solid	.040	.91	1,200.0	3.899	5.80
18	Solid	.040	1.02	1,620.0	4.917	7.32
18	7/26	.048	1.21	1,759.60	5.360	7.97
18	16/30	.047	1.19	1,600.0	4.840	7.20

AWG	Strand	Approx. O.D.		Circular ML Area	Weight	
		Inches	mm		Lbs/Mft	kg/km
18	19/30	.049	1.24	1,900.0	5.750	8.55
18	41/34	.047	1.19	1,627.3	4.920	7.32
18	65/36	.047	1.19	1,625.0	4.910	7.30
17	Solid	.045	1.15	2,050.0	6.200	9.23
16	Solid	.051	1.29	2,583.0	7.818	11.63
16	7/24	.060	1.52	2,828.0	8.560	12.73
16	65/34	.059	1.49	2,579.9	7.810	11.62
16	26/30	.059	1.49	2,600.0	7.870	11.71
16	19/29	.058	1.47	2,426.3	7.350	10.93
16	105/36	.059	1.49	2,625.0	7.950	11.83
15	Solid	.057	1.45	3,260.0	9.858	14.67
14	Solid	.064	1.63	4,107.0	12.43	18.50
14	7/22	.073	1.85	4,480.0	13.56	20.17
14	19/27	.073	1.85	3,830.4	11.59	17.24
14	41/30	.073	1.85	4,100.0	12.40	18.45
14	105/34	.073	1.85	4,167.5	12.61	18.76
13	Solid	.072	1.83	5,178.0	15.68	23.33
12	Solid	.081	2.05	6,530.0	19.77	29.42
12	7/20	.096	2.43	7,168.0	21.69	32.27
12	19/25	.093	2.36	6,087.6	18.43	27.42
12	65/30	.095	2.41	6,500.0	19.66	29.25
12	165/34	.095	2.41	6,548.9	19.82	29.49
11	Solid	.091	2.30	8,234.0	24.92	37.08
10	Solid	.102	2.60	10,380.0	31.43	40.77
10	37/26	.115	2.92	9,353.6	28.31	42.12
10	49/27	.116	2.94	9,878.4	29.89	44.47
10	105/30	.116	2.94	10,530.0	31.76	47.26
8	49/25	.147	3.73	15,699.9	47.53	70.72
8	133/29	.147	3.73	16,984.1	51.42	76.51
8	655/36	.147	3.73	16,625.0	49.58	73.78
6	133/27	.184	4.67	26,812.8	81.14	120.74
6	259/30	.184	4.67	25,900.0	78.35	116.59
6	1050/36	.184	4.67	26,250.0	79.47	118.25
4	133/25	.232	5.89	42,613.0	129.01	191.98
4	259/27	.232	5.89	52,214.4	158.02	235.15
4	1666/36	.232	5.89	41,650.0	126.10	187.64
2	133/23	.292	7.41	67,936.4	205.62	305.98
2	259/26	.292	7.41	65,475.2	198.14	294.85
2	665/30	.292	7.41	66,500.0	201.16	299.34
1	817/30	.328	8.33	81,700.0	247.10	367.71
1	2019/34	.328	8.33	83,706.2	253.29	376.92
1/0	133/21	.368	9.34	108,035.9	327.05	486.68
1/0	259/24	.368	9.34	104,636.0	316.76	471.37
2/0	133/20	.414	10.51	136,192.0	412.17	613.35
2/0	259/23	.414	10.51	132,297.2	400.41	595.85
3/0	259/22	.464	11.78	163,195.0	501.70	746.58
3/0	427/24	.464	11.78	172,508.0	522.20	777.08
4/0	259/21	.522	13.25	210,385.7	638.88	950.71
4/0	427/23	.522	13.25	218,111.6	660.01	982.16