Electrical Wire Gauge Comparison Table

Circ. Mils	Equivalent Circ. Mils	Awg. Size	Metric Wire Size mm^2	Stranding/ Wire Dia. per Strand		Approximate Overall Diameter	
				in	mm	in	mm
-	987	-	0.50	1/.032	1/.813	.032	0.81
1020	-	20	-	7/.0121	7/.307	.036	0.91
-	1480	-	0.75	1/.039	1/.991	.039	0.99
1620	-	18	-	1/.0403	1/1.02	.040	1.02
1620	-	18	-	7/.0152	7/.386	.046	1.16
-	1974	-	1.0	1/.045	1/1.14	.045	1.14
-	1974	-	1.0	7/.017	7/.432	.051	1.30
2580	-	16	-	1/.0508	1/1.29	.051	1.29
2580	-	16	-	7/.0192	7/.488	.058	1.46
-	2960	-	1.5	1/.055	1/1.40	.055	1.40
-	2960	-	1.5	7/.021	7/5.33	.063	1.60
4110	-	14	-	1/.0641	1/1.63	.064	1.63
4110	-	14	-	7/.0242	7/.615	.073	1.84
-	4934	-	2.5	1/.071	1/1.80	.071	1.80
-	4934	-	2.5	7/.027	7/.686	.081	2.06
6530	-	12	-	1/.0808	1/2.05	.081	2.05
6530	-	12	-	7/.0305	7/.775	.092	2.32
-	7894	-	4	1/.089	1/2.26	.089	2.26
-	7894	-	4	7/.034	7/.864	.102	2.59
10380	-	10	-	1/.1019	1/2.59	.102	2.59
10380	-	10	-	7/.0385	7/.978	.116	2.93
-	11840	-	6	1/.109	1/2.77	.109	2.77
-	11840	-	6	7/.042	7/1.07	.126	3.21
13090	-	9	-	1/.1144	1/2.91	.1144	2.91
13090	-	9	-	7/.0432	7/1.10	.130	3.30
16510	-	8	-	1/.1285	1/3.26	.128	3.26
16510	-	8	-	7/.0486	7/1.23	.146	3.70
-	19740	-	10	1/.141	1/3.58	.141	3.58
-	19740	-	10	7/.054	7/1.37	.162	4.12
20820	-	7	-	1/.1443	1/3.67	.144	3.67
20820	-	7	-	7/.0545	7/1.38	.164	4.15
26240	-	6	-	1/.162	1/4.11	.162	4.11
26240	-	6	-	7/.0612	7/1.55	.184	4.66

-	31580	-	16	7/.068	7/1.73	.204	5.18
33090	-	5	-	7/.0688	7/1.75	.206	5.24
41740	-	4	-	7/.0772	7/1.96	.232	5.88
-	49340	-	25	7/.085	7/2.16	.255	6.48
-	49340	-	25	19/.052	19/1.32	.260	6.60
52620	-	3	-	7/.0867	7/2.20	.260	6.61
66360	-	2	-	7/.0974	7/2.47	.292	7.42
-	69070	-	35	7/.100	7/2.54	.300	7.62
-	69070	-	35	19/.061	19/1.55	.305	7.75

Circ. Mils	Equivalent Circ. Mils	Awg. Size	Metric Wire Size mm^2	Stranding/ Wire Dia. per Strand		Approx. Overall Diameter	
				in	mm	in	mm
83690	-	1	-	19/.0664	19/1.69	.332	9.43
-	98680	-	50	19/.073	19/1.85	.365	9.27
105600	-	1/0	-	19/.0745	19/1.89	.373	9.46
133100	-	2/0	-	19/.0837	19/2.13	.419	10.6
-	138100	-	70	19/.086	19/2.18	.430	10.9
167800	-	3/0	-	19/.094	19/2.39	.470	11.9
167800	-	3/0	-	37/.0673	37/1.71	.471	12.0
-	187500	-	95	19/.101	19/2.57	.505	12.8
-	187500	-	95	37/.072	37/1.83	.504	12.8
211600	-	4/0	-	19/.1055	19/2.68	.528	13.4
-	237.8mcm	-	120	37/.081	37/2.06	.567	14.4
250mcm	-	-	-	37/.0822	37/2.09	.575	14.6
300mcm	-	-	150	37/.090	37/2.29	.630	16.0
350mcm	-	-	-	37/.0973	37/2.47	.681	17.3
-	365.1mcm	-	185	37/.100	37/2.54	.700	17.8
400mcm	-	-	-	37/.104	37/2.64	.728	18.5
-	473.6mcm	-	240	37/.114	37/2.90	.798	20.3
-	473.6mcm	-	240	61/.089	61/2.26	.801	20.3
500mcm	-	-	-	37/.1162	37/2.95	.813	20.7
500mcm	-	-	-	61/.0905	61/2.30	.814	20.7
-	592.1mcm	-	300	61/.099	61/2.51	.891	22.6
600mcm	-	-	-	61/.0992	61/2.52	.893	22.7
700mcm	-	-	-	61/.1071	61/2.72	.964	24.5
750mcm	-	-	-	61/.1109	61/2.82	.998	25.4
750mcm	-	-	-	91/.0908	91/2.31	.999	25.4
-	789.4mcm	-	400	61/.114	61/2.90	1.026	26.1
800mcm	-	-	-	61/.1145	61/2.91	1.031	26.2

800mcm	-	-	-	61/.0938	91/2.38	1.032	26.2
1000mcm	986.8mcm	-	500	61/.1280	61/3.25	1.152	29.3
1000mcm	-	-	-	91/.1048	91/2.66	1.153	29.3
-	1233.7mcm	-	625	91/.117	91/2.97	1.287	32.7
1250mcm	-	-	-	91/.1172	91/2.98	1.289	32.7
1250mcm	-	-	-	127/.0992	127/2.52	1.290	32.8
1500mcm	-	-	-	91/.1284	91/.1284	1.412	35.9
1500mcm	-	-	-	127/.1087	127/.1087	1.413	35.9
-	1578.8mcm	-	800	91/.132	91/.132	1.452	36.9
-	1973.5mcm	-	1000	91/.147	91/3.73	1.617	41.1
2000mcm	-	-	-	127/.1255	127/3.19	1.632	41.5
2000mcm	-	-	-	169/.1088	169/2.76	1.632	41.5