

Metric Size to AWG Size

Area (mm ²)	Size AWG/MCM	Nominal Overall Diameter (mm)	Nominal Overall Diameter (in)	Number of Wires	Area (mm ²)	Size AWG/MCM	Nominal Overall Diameter (mm)	Nominal Overall Diameter (in)	Number of Wires
1010	2000	41.45	1.632	127	42.41	1	8.43	0.332	19
1000		41.14	1.620	91	35		7.65	0.302	19
887	1750	38.76	1.526	127	35		7.56	0.298	7
800		36.81	1.448	61	33.62	2	7.42	0.292	7
760	1500	35.87	1.412	91	26.67	3	6.61	0.260	7
633	1250	32.74	1.289	91	25		6.39	0.252	7
507	1000	29.26	1.152	61	21.15	4	5.89	0.232	7
500		29.05	1.143	37	16		5.13	0.202	7
400		25.97	1.023	37	13.30	6	4.67	0.184	7
380	750	25.35	0.998	61	10		4.05	0.160	7
304	600	22.68	0.893	61	8.37	8	3.71	0.146	7
300		22.46	0.884	37	6.0		3.12	0.123	7
253.4	500	20.65	0.813	37	5.26	10	2.95	0.116	7
240		20.09	0.792	37	4.0		2.55	0.101	7
203	400	18.49	0.728	37	3.31	12	2.34	0.092	7
185		17.64	0.695	37	2.5		2.01	0.080	7
177	350	17.30	0.681	37	2.08	14	1.85	0.073	7
152	300	16.00	0.630	37	1.5		1.56	0.062	7
150		15.85	0.624	19	1.31	16	1.47	0.058	7
127	250	14.61	0.575	37	1.0		1.29	0.051	7
120		14.15	0.558	19	0.82	18	1.02	0.046	7
107.2	4/0	13.41	0.528	19	0.75		0.98	0.039	7
95		12.60	0.497	19	0.52	20	0.81	0.032	7
85.01	3/0	11.94	0.470	19	0.50		0.80	0.031	7
70		10.86	0.427	19	0.33	22	0.64	0.025	7
67.43	2/0	10.64	0.419	19	0.25		0.56	0.022	7
53.49	1/0	9.47	0.373	19	0.20	24	0.51	0.020	7
50		9.15	0.361	19					

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