

Metric IEC Size Compared to AWG or kcmil Size with Equivalent Metric Size

Area (mm ²)	Size AWG or kcmil	Nominal Overall Diameter (mm)	Nominal Overall Diameter (in)	Number of Wires	Area (mm ²)	Size AWG or kcmil	Nominal Overall Diameter (mm)	Nominal Overall Diameter (in)	Number of Wires
1010	2000	41.45	1.63	127	42.41	1	8.43	0.33	19
1000		41.14	1.62	91	35		7.65	0.30	19
887	1750	38.76	1.53	127	35		7.56	0.30	7
800		36.81	1.45	61	33.62	2	7.42	0.29	7
760	1500	35.87	1.41	91	26.67	3	6.61	0.26	7
633	1250	32.74	1.29	91	25		6.39	0.25	7
507	1000	29.26	1.15	61	21.15	4	5.89	0.23	7
500		29.05	1.14	37	16		5.13	0.20	7
400		25.97	1.02	37	13.3	6	4.67	0.18	7
380	750	25.35	0.10	61	10		4.05	0.16	7
304	600	22.68	0.89	61	8.37	8	3.71	0.15	7
300		22.46	0.88	37	6		3.12	0.12	7
253.4	500	20.65	0.81	37	5.26	10	2.95	0.12	7
240		20.09	0.79	37	4		2.55	0.10	7
203	400	18.49	0.73	37	3.31	12	2.34	0.09	7
185		17.64	0.70	37	2.5		2.01	0.08	7
177	350	17.3	0.68	37	2.08	14	1.85	0.07	7
152	300	16	0.63	37	1.5		1.56	0.06	7
150		15.85	0.62	19	1.31	16	1.47	0.06	7
127	250	14.61	0.58	37	1		1.29	0.05	7
120		14.15	0.56	19	0.82	18	1.02	0.05	7
107.2	4/0	13.41	0.53	19	0.75		0.98	0.04	7
95		12.6	0.50	19	0.52	20	0.81	0.03	7
85.01	3/0	11.94	0.47	19	0.5		0.8	0.03	7
70		10.86	0.43	19	0.33	22	0.64	0.03	7
67.43	2/0	10.64	0.42	19	0.25		0.56	0.02	7
53.49	1/0	9.47	0.37	19	0.2	24	0.51	0.02	7
50		9.15	0.36	19					



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