

Conductor areas and K factors

Size	Circular mils	Area (mm², approx.)
14 AWG	4,110	2.08
12 AWG	6,530	3.31
10 AWG	10,380	5.26
8 AWG	16,510	8.37
6 AWG	26,240	13.3
4 AWG	41,740	21.2
3 AWG	52,620	26.7
2 AWG	66,360	33.6
1 AWG	83,690	42.4
1/0	105,600	53.5
2/0	133,100	67.4
3/0	167,800	85
4/0	211,600	107
250 kcmil	250,000	127
500 kcmil	500,000	253

K ≈ 12.9 (copper), 21.2 (aluminum) ohm-cmil/ft.

Notes