

AWG	Diameter		Turns of wire, without insulation		Area		Copper wire							
							Resistance/length ^[7]		Ampacity, ^[8] at 20 °C insulation material temperature rating, or for single unbundled wires in equipment for 16 AWG and smaller ^[9]			Fusing current ^{[10][11]}		
	(in)	(mm)	(per in)	(per cm)	(kcmil)	(mm ²)			(mΩ/m ^[a])	(mΩ/ft ^[b])	60 °C	75 °C	90 °C	Preece ^{[12][13][14][15]}
							(A)				~10 s	1 s	32 ms	
0000 (4/0)	0.4600 ^[c]	11.684 ^[c]	2.17	0.856	212	107	0.1608	0.04901	195	230	260	3.2 kA	33 kA	182 kA
000 (3/0)	0.4096	10.405	2.44	0.961	168	85.0	0.2028	0.06180	165	200	225	2.7 kA	26 kA	144 kA
00 (2/0)	0.3648	9.266	2.74	1.08	133	67.4	0.2557	0.07793	145	175	195	2.3 kA	21 kA	115 kA
0 (1/0)	0.3249	8.251	3.08	1.21	106	53.5	0.3224	0.09827	125	150	170	1.9 kA	16 kA	91 kA
1	0.2893	7.348	3.46	1.36	83.7	42.4	0.4066	0.1239	110	130	145	1.6 kA	13 kA	72 kA
2	0.2576	6.544	3.88	1.53	66.4	33.6	0.5127	0.1563	95	115	130	1.3 kA	10.2 kA	57 kA
3	0.2294	5.827	4.36	1.72	52.6	26.7	0.6465	0.1970	85	100	115	1.1 kA	8.1 kA	45 kA
4	0.2043	5.189	4.89	1.93	41.7	21.2	0.8152	0.2485	70	85	95	946 A	6.4 kA	36 kA