

Wire size		Assigned maximum Ampere rating
AWG or kcmil	mm ²	A
30	0.05	0.5
28	0.08	0.8
26	0.13	1
24	0.20	2
22	0.32	3
20	0.52	5
18	0.82	7
16	1.3	10
14	2.1	15
12	3.3	20
10	5.3	30
8	8.4	50
6	13.3	65
4	21.2	85
3	26.6	100
2	33.6	115
1	42.4	130
1/0	53.5	150
2/0	67.4	175
3/0	85.0	200
4/0	107	230
250	127	255
300	152	285
350	177	310
400	203	335
500	253	380
600	304	420
700	355	460
750	380	475
800	405	490
900	456	520
1000	507	545
1250	633	590
1500	760	625
1750	887	650
2000	1010	665