

	AWG	R1@75°C	R2@20°C	R2@30°C	R2@40°C	R2@50°C	R2@60°C	R2@70°C
1	14							
2	12							
3	10							
4	8							
5	6							
6	4							
7	3							
8	2							
9	1							
10	1/0							
11	2/0							
12	3/0							
13	4/0							
	kcmil	75°C	20°C	30°C	40°C	50°C	60°C	70°C
14	250							
15	300							
16	350							
17	400							
18	500							
19	600							
20	700							
21	800							
22	900							
23	1000							
24	1250							
25	1500							

R1 given in Properties of Conductors NEC® Chapter 9 Table 8.

See Reference Formulas Appendix page 5 for more information.

Calculator Technique: Clear R1 x ( 1 + .00323 x ( T2 - 75 ) ) = read answer