



### Conductor Resistance

Size of conductor AWG	Diameter of solid conductor mm	Ohms per Kilometer 20°C (68°F)	Cross-sectional area of stranded conductor mm <sup>2</sup>	Ohms per Kilometer 20°C (68°F)
32	0,203	563.49	0.0324	588.85
30	0.254	361.13	0.0507	376.96
28	0.320	227.39	0.0804	237.25
26	0.404	142.79	0.128	148.94
24	0.511	89.39	0.205	93.25
22	0.643	54.3	0.324	55.0
21	0.724	42.7	0.412	43.6
20	0.813	33.9	0.519	34.6
19	0.912	26.9	0.653	27.5
18	1.02	21.4	0.823	21.8
17	1.15	16.9	1.04	17.2
16	1.29	13.5	1.31	13.7
15	1.45	10.6	1.65	10.9
14	1.63	8.45	2.08	8.62
13	1.83	6.69	0.63	6.82
12	2.05	5.31	3.31	5.43
11	2.3	4.22	4.17	4.3
10	2.588	3.34	5.261	3.41
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