

## Tabela de equivalências do fio de cobre esmaltado

AWG	Diâmetro	Diâmetro total	Área Cu	Área SQ	I	Ohm/m	m/kg
1	7.348		42.40		120	.000414	2.67
2	6.544		33.6		94.8	.000522	3.37
3	5.827		26.7		75.2	.000659	4.25
4	5.189		21.1		59.6	.000830	5.36
5	4.621		16.8		47.3	.00105	6.76
6	4.155		13.6		37.5	.00132	8.53
7	3.665		10.5		29.7	.00167	10.8
8	3.264	3.34	8.37	11.2	23.6	.00210	13.5
9	2.906	2.95	6.63	8.70	18.7	.00265	17.1
10	2.588	2.65	5.26	7.02	14.8	.00334	21.5
11	2.305	2.37	4.17	5.61	11.8	.00421	27.1
12	2.053	2.12	3.31	4.49	9.33	.00531	34.2
13	1.828	1.88	2.62	3.53	7.40	.00670	43.2
14	1.628	1.69	2.08	2.86	5.87	.00844	54.5
15	1.450	1.51	1.65	2.28	4.65	.0106	68.7
16	1.291	1.34	1.31	1.80	3.69	.0134	86.6
17	1.115	1.20	.976	1.44	2.93	.0169	109
18	1.024	1.08	.823	1.17	2.32	.0213	137
19	.912	.962	.653	.925	1.84	.0270	173
20	.812	.864	.518	.746	1.46	.0339	218
21	.723	.767	.411	.588	1.16	.0428	275
22	.644	.686	.326	.471	.918	.0540	348
23	.573	.615	.258	.378	.728	.0681	439
24	.511	.549	.205	.301	.577	.0858	553
25	.455	.491	.163	.241	.458	.108	698
26	.405	.438	.129	.192	.363	.136	881
27	.361	.391	.102	.153	.288	.172	1110
28	.321	.349	.0809	.122	.228	.217	1400
29	.286	.311	.0642	.0967	.181	.274	1766
30	.255	.281	.0511	.0790	.144	.345	2227
31	.227	.251	.0405	.0630	.114	.435	2809
32	.202	.225	.0320	.0506	.090	.549	3542
33	.180	.200	.0254	.0400	.072	.692	4467
34	.160	.178	.0201	.0317	.057	.872	5632
35	.143	.161	.0161	.0260	.045	1.10	7103
36	.127	.145	.0127	.0210	.036	1.39	8953
37	.113	.128	.0100	.0164	.028	1.75	11k2
38	.101	.113	.00801	.0128	.022	2.21	14k2
39	.090	.102	.00636	.0104	.018	2.78	18k0
40	.080	.090	.00503	.0081	.014	3.51	22k6