



HSM Wire International, Inc

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www.hsmwire.com

AMERICAN WIRE GAUGE TO SQUARE MM CROSS SECTIONAL AREA CHART

AWG	DIAMETER (IN)	DIAMETER (MM)	CROSS SECTIONAL AREA (MM ²)
0000	0.46	11.68	107.16
000	0.4096	10.40	84.97
00	0.3648	9.27	67.4
0	0.3249	8.25	53.46
1	0.2893	7.35	42.39
2	0.2576	6.54	33.61
3	0.2294	5.83	26.65
4	0.2043	5.19	21.14
5	0.1819	4.62	16.76
6	0.162	4.11	13.29
7	0.1443	3.67	10.55
8	0.1285	3.26	8.36
9	0.1144	2.91	6.63
10	0.1019	2.59	5.26
11	0.0907	2.30	4.17
12	0.0808	2.05	3.31
13	0.072	1.83	2.63
14	0.0641	1.63	2.08
15	0.0571	1.45	1.65
16	0.0508	1.29	1.31
17	0.0453	1.15	1.04
18	0.0403	1.02	0.82
19	0.0359	0.91	0.65
20	0.032	0.81	0.52
21	0.0285	0.72	0.41
22	0.0254	0.65	0.33
23	0.0226	0.57	0.26
24	0.0201	0.51	0.20
25	0.0179	0.45	0.16
26	0.0159	0.40	0.13
27	0.0142	0.361	0.10
28	0.0126	0.330	0.08
29	0.0113	0.287	0.065
30	0.0100	0.254	0.05
31	0.0089	0.226	0.04
32	0.0080	0.203	0.032
33	0.0071	0.180	0.025

This is to be used as a guideline only.

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34	0.0063	0.160	0.020
35	0.0056	0.142	0.016
36	0.0050	0.127	0.012
37	0.0045	0.114	0.010
38	0.0040	0.102	0.008
39	0.0035	0.089	0.006

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