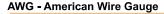


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The AWG is a logarithmic scale, so given an know resistance or diameter for a certain gauge, you can quickly figure out the resistance and diameter of another gauge number, by addition and subtraction.

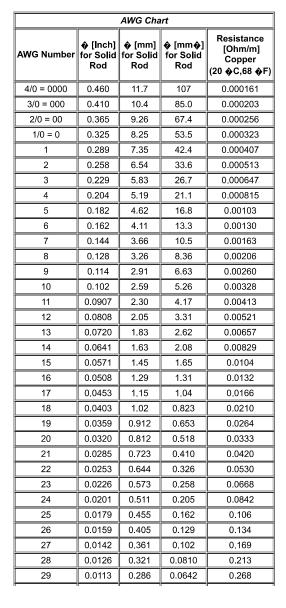
Resistance:

- 1. AWG 15 is 10 mohm/m.
- 2. Adding 3 doubles the resistance, and subtracting 3 halves it.
- 3. Adding 10 multiplies the resistance by 10, and subtracting 10 it divides by 10.

Diameter:

- 1. AWG 18 has a solid diameter of about 1mm
- 2. Adding 6 halves the diameter, Subtracting 6 doubles the diameter
- 3. Adding 20 divides the diameter by 10, and subtracting 20 multiplies the diameter by 10.







30	0.0100	0.255	0.0509	0.339
31	0.00893	0.227	0.0404	0.427
32	0.00795	0.202	0.0320	0.538
33	0.00708	0.180	0.0254	0.679
34	0.00631	0.160	0.0201	0.856
35	0.00562	0.143	0.0160	1.08
36	0.00500	0.127	0.0127	1.36
37	0.00445	0.113	0.0100	1.72
38	0.00397	0.101	0.00797	2.16
39	0.00353	0.0897	0.00632	2.73
40	0.00314	0.0799	0.00501	3.44

Manufacturer Links

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