

AWG Wire Size Chart

The AWG Wire Size Chart helps you compare common American Wire Gauge sizes, wire diameters, and their typical current-carrying capacity. It is a practical reference for selecting the right wire for residential, automotive, and light industrial electrical projects while promoting safe and efficient installations.

AWG	Diameter (mm)	Typical Ampacity*
20	0.81	5 Amps
18	1.02	7 Amps
16	1.29	10 Amps
14	1.63	15 Amps
12	2.05	20 Amps
10	2.59	30 Amps
8	3.26	40–55 Amps
6	4.11	55–75 Amps
4	5.19	70–95 Amps
2	6.54	95–130 Amps