

TABLE OF RESISTANCE OF WIRE

Chemically pure, 1 m. long, 1 mm. in diameter, at 0° C. (Jenkin),
RELATIVE RESISTANCES (Ayrton)

		Relative Resistances
Silver, annealed	0.01937 ohm	1.000
Copper, annealed	0.02104 "	1.086
Zinc	0.07244 "	3.741
Platinum	0.11660 "	6.022
Iron, annealed	0.12510 "	6.460
Lead	0.25270 "	13.050
German silver	0.26950 "	13.920

VALUE IN MILLIMETERS OF BROWN & SHARPE WIRE—
GAUGE NUMBERS

Number	Diameter mm.	Number	Diameter mm.
1	7.348	21	0.723
2	6.544	22	0.644
3	5.827	23	0.573
4	5.189	24	0.511
5	4.621	25	0.455
6	4.115	26	0.405
7	3.656	27	0.361
8	3.264	28	0.321
9	2.906	29	0.286
10	2.582	30	0.255
11	2.305	31	0.227
12	2.053	32	0.202
13	1.828	33	0.180
14	1.628	34	0.160
15	1.459	35	0.143
16	1.291	36	0.127
17	1.160	37	0.113
18	1.024	38	0.101
19	0.912	39	0.090
20	0.812	40	0.080