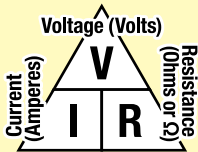


OHM'S LAW



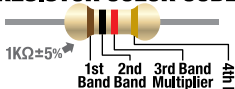
Cover unknown value,
positions reveal formula:

$$V = I \times R$$

$$I = V \div R$$

$$R = V \div I$$

RESISTOR COLOR CODE



Black	0	0	×1
Brown	1	1	×10
Red	2	2	×100
Orange	3	3	×1K
Yellow	4	4	×10K
Green	5	5	×100K
Blue	6	6	×1M
Purple	7	7	
Gray	8	8	
White	9	9	

Gold=5% Silver=10%

WIRE MAX AMPS

(1M 5VDC 4% DROP)

GAUGE	AMPS
30	300mA
28	500mA
26	750mA
24	1.2
22	1.9
20	3.0
18	4.8

METRIC PREFIX

G	Giga	× 10 ⁹
M	Mega	× 10 ⁶
K	Kilo	× 10 ³
m	Milli	÷ 10 ³
μ	Micro	÷ 10 ⁶
n	Nano	÷ 10 ⁹