

## Valores Comerciales de Resistores

Colores	Multiplicador							
	Oro	Negro	Marrón	Rojo	Naranja	Amarillo	Verde	
Marrón - Negro	1.0 [Ω]	10 [Ω]	100 [Ω]	1.0 [kΩ]	10 [kΩ]	100 [kΩ]	1.0 [MΩ]	
Marrón - Rojo	1.2 [Ω]	12 [Ω]	120 [Ω]	1.2 [kΩ]	12 [kΩ]	120 [kΩ]	1.2 [MΩ]	
Marrón - Verde	1.5 [Ω]	15 [Ω]	150 [Ω]	1.5 [kΩ]	15 [kΩ]	150 [kΩ]	1.5 [MΩ]	
Marrón - Gris	1.8 [Ω]	18 [Ω]	180 [Ω]	1.8 [kΩ]	18 [kΩ]	180 [kΩ]	1.8 [MΩ]	
Rojo - Rojo	2.2 [Ω]	22 [Ω]	220 [Ω]	2.2 [kΩ]	22 [kΩ]	220 [kΩ]	2.2 [MΩ]	
Rojo - Violeta	2.7 [Ω]	27 [Ω]	270 [Ω]	2.7 [kΩ]	27 [kΩ]	270 [kΩ]	2.7 [MΩ]	
Naranja - Naranja	3.3 [Ω]	33 [Ω]	330 [Ω]	3.3 [kΩ]	33 [kΩ]	330 [kΩ]	3.3 [MΩ]	
Naranja - Blanco	3.9 [Ω]	39 [Ω]	390 [Ω]	3.9 [kΩ]	39 [kΩ]	390 [kΩ]	3.9 [MΩ]	
Amarillo - Violeta	4.7 [Ω]	47 [Ω]	470 [Ω]	4.7 [kΩ]	47 [kΩ]	470 [kΩ]	4.7 [MΩ]	
Verde - Azul	5.6 [Ω]	56 [Ω]	560 [Ω]	5.6 [kΩ]	56 [kΩ]	560 [kΩ]	5.6 [MΩ]	
Azul - Gris	6.8 [Ω]	68 [Ω]	680 [Ω]	6.8 [kΩ]	68 [kΩ]	680 [kΩ]	6.8 [MΩ]	
Gris - Rojo	8.2 [Ω]	82 [Ω]	820 [Ω]	8.2 [kΩ]	82 [kΩ]	820 [kΩ]	8.2 [MΩ]	
Blanco - Negro	9.1 [Ω]	91 [Ω]	910 [Ω]	9.1 [kΩ]	91 [kΩ]	910 [kΩ]	9.1 [MΩ]	

Tolerancias Verde  $\pm 0.5\%$  - Marrón  $\pm 1\%$  - Rojo  $\pm 2\%$  - Oro  $\pm 5\%$  - Plata  $\pm 10\%$  - Sin color  $\pm 20\%$  ————— K = 1.000; M = 1.000.000