

AWG (American Wire Gauge)

AWG-Nummer	Querschnitt	Durchmesser	Leiterwiderstand
AWG-No.	Cross-section	Diameter	Conductor resistance
AWG	mm ²	mm	Ohm/km
0	53,40	8,25	0,37
1	42,40	7,35	0,47
2	33,60	6,54	0,57
3	26,70	5,83	0,71
4	21,20	5,19	0,91
5	16,80	4,62	1,12
6	13,30	4,11	1,44
7	10,60	3,67	1,78
8	8,366	3,26	2,36
9	6,63	2,91	2,77
10	5,26	2,59	3,64
11	4,15	2,30	4,44
12	3,30	2,05	5,41
13	2,62	1,83	7,02
14	2,08	1,63	8,79
15	1,65	1,45	11,20
16	1,31	1,29	14,70
17	1,04	1,15	17,80
18	0,8230	1,0240	23,0
19	0,6530	0,9120	28,3
20	0,5190	0,8120	34,5
21	0,4210	0,7230	44,0
22	0,3250	0,6440	54,8
23	0,2590	0,5730	70,1
24	0,2050	0,5110	89,2
25	0,1630	0,4550	111,0
26	0,1280	0,4050	146,0
27	0,1020	0,3610	176,0
28	0,0804	0,3210	232,0
29	0,0646	0,2860	282,0
30	0,0503	0,2550	350,0
31	0,0400	0,2270	446,0
32	0,0320	0,2020	578,0
33	0,0252	0,1800	710,0
34	0,0200	0,1600	899,0
35	0,0161	0,1430	1125,0
36	0,0123	0,1270	1426,0
37	0,0100	0,1130	1800,0
38	0,00795	0,1010	2255,0
39	0,00632	0,0897	2860,0
40	0,00487	0,079	3802,0
42	0,00317	0,064	5842,0
44	0,00203	0,051	9123,0

Allgemeine Maße:

Länge	Masse	Kraft	Elektrische Einheiten
Length	Weight	Force	Electrical units
1 mil = 0,0254 mm	1 grain = 64,8 mg	1 lb = 4,448 N	1 ohm/1000 yard = 1,0936 Ohm/km
1 in (inch) = 25,4 mm	1 dram = 1,77 g	1 brit-ton = 9954 N	1 ohm/1000 feet = 3,28 Ohm/km
1 ft (foot) = 0,3048 m	1 oz (ounce) = 28,35 g	1 pdl (pondal) = 0,1383 N	1 f/mile = 0,62 F/km
1 yd (yard) = 0,9144 m	1 lp (pound) = 0,4536 kp	1 kp = 9,81 N	1 megohm/mile = 1,61 Megaohm/km
1 ch (chain) = 20,1 m	1 stone = 6,35 kp	1 N = 1,02 kp	1 decibel/mile = 71,5 mN/m
1 mile (Landmeile) = 1,609 km	1 qu (quarter) = 12,7 kp		
1 mile (Seemeile) = 1,852 km	1 US-cwt (hundred-weight) = 45,36 kp		
1 mm = 0,039370 inches	1 US-ton (short-ton) = 0,907 t		
1 m = 39,370079 inches	1 brit-ton (long-ton) = 1,016 t		