

AWG – Metric Chart



Logical AWG Number	MCM or kcmil	Cross Section mm ²	Metric UL486 Equivalent mm ²	mm ² Lower	mm ² Higher
20		0.5176	0.5	0.5	0.75
19		0.65268			
18		0.82301	0.8	0.75	1.0
17		1.0378			
16		1.30864	1.31	1.0	1.5
15		1.65016			
14		2.0808	2.1	1.5	2.5
13		2.62384			
12		3.30859	3.3	2.5	4
11		4.17204			
10	10	5.26084	5.3	4	6
9	13	6.63377		6	10
8	17	8.36501	8.4	6	10
7	21	10.5481		10	16
6	26	13.3008	13.3	10	16
5	33	16.772		16	25
4	42	21.149	21.2	16	25
3	53	26.6684	26.7	25	35
2	66	33.6281	33.6	25	35
1	84	42.4042	42.4	35	50
0 (1/0)	106	53.4705	53.5	50	70
00 (2/0)	133	67.4249	67.4	50	70
000 (3/0)	168	85.021	85	70	95
0000 (4/0)	212	107.209	107	95	120
	250	126.677	120	120	150
	300	152.012	152	150	150
	350	177.348	177	150	185
	400	202.683	203	185	240
	450	228.018		185	240
	500	253.354	253	240	300
	600	304.025	304	300	400
	700	354.695	355	300	400
	750	380.031	380	300	400
	800	405.366	405	400	500
	900	456.037	456	400	500
	1000	506.708	508	500	630
	1250	633.384	633	630	800
	1500	760.061	760	630	800
	1750	886.738	887	800	1000
	2000	1013.415	1010	1000	

MCM means 1000's (M) of (C)ircular (M)ils
kcmil means 1000's (K) of (C)ircular (M)ils
AWG = -4.3125 LN (mm²) + 17.16 (approx interpolated)
AWG = -4.3125 LN (inch²) - 10.74 (approx interpolated)