

**Assignment of conductor cross sections (AWG or MCM sizes to mm<sup>2</sup>)**

AWG	Metric conductor cross-section mm <sup>2</sup>	Comparable conductor cross-section mm <sup>2</sup>	MCM	Metric conductor cross-section mm <sup>2</sup>	Comparable conductor cross-section mm <sup>2</sup>
27	0.102	–	250	127	120
26	0.128	0.14	300	152	150
25	0.163	–	350	177	185
24	0.205	0.2	400	203	–
23	0.259	0.25	500	253	240
22	0.325	0.34	600	304	300
21	0.412	–	700	355	–
20	0.519	0.5	800	405	400
19	0.653	–	900	456	–
18	0.823	0.75	1000	507	500
17	1.04	1	1250	633	625
16	1.31	–	1500	760	800
15	1.65	1.5	1750	887	–
14	2.08	–	2000	1010	1000
13	2.63	2.5			
12	3.31	–			
11	4.15	4			
10	5.27	6			
9	6.62	–			
8	8.35	–			
7	10.6	10			
6	13.3	–			
5	16.8	16			
4	21.2	–			
3	26.7	25			
2	33.6	35			
1	42.4	–			
1/0	53.4	50			
2/0	67.5	70			
3/0	85	95			
4/0	107.2	120			

**British and American units of measurement**

Length units		Area units		Volume units		Fluid volume units		Weight	
1 mil	0.0254 mm	1 sq. in.	645.1 mm <sup>2</sup>	1 cu. in.	16.386 cm <sup>3</sup>	1 pint	0.568 l	1 grain	0.059 g
1 inch (Zoll)	25.4 mm	1 sq. ft.	0.093 m <sup>2</sup>	1 cu. Ft.	0.028 m <sup>3</sup>	1 quart	1.136 l	1 ounce	28.349 g
1 foot	0.3048 m	1 sq. yd.	0.836 m <sup>2</sup>	1 cu. Yd.	0.764 m <sup>3</sup>	1 engl. gallon	4.554 l	1 pound (lb)	0.454 kg
1 yard	0.9140 m					1 am gallon	3.785 l	1 engl. ton	1.016 t
1 mile	1.6090 km					1 quarter	290.790 l	1 am. ton	0.907 t
						1 bushel	36.350 l		