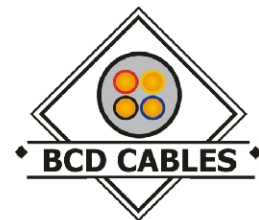


# MCM & AWG Conversion Chart

BCD Cables Safety/Technical Leaflet No3  
For the easy conversion from MCM/AWG to Metric



## MCM & AWG Conversion Chart

MCM	mm <sup>2</sup>	AWG No.	Cross section mm <sup>2</sup>	Diameter mm	Conductor Resistance Ohm/km
2000	994.0	6/0	170.30	14.73	0.11
1750	870.0	5/0	135.10	13.12	0.14
1500	745.0	4/0	107.20	11.68	0.18
1250	621.0	3/0	85.00	10.4	0.23
1000	506.0	2/0	67.50	9.27	0.29
900	457.4	1/0	53.40	8.25	0.37
800	405.7	1	42.40	7.35	0.47
750	381.0	2	33.60	6.54	0.57
700	354.5	3	26.70	5.83	0.71
650	328.9	4	21.20	5.19	0.91
600	303.2	5	16.80	4.62	1.12
550	279.3	6	13.30	4.11	1.44
500	252.9	7	10.60	3.67	1.78
450	227.8	8	8.35	3.26	2.36
400	203.2	9	6.62	2.91	2.77
350	177.6	10	5.27	2.59	3.64
300	151.8	11	4.15	2.3	4.44
250	126.4	12	3.31	2.05	5.41
		13	2.63	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	0.82	1.0240	23.0
		19	0.65	0.9120	28.3
		20	0.52	0.8120	34.5
		21	0.41	0.7230	44.0
		22	0.33	0.6440	54.8
		23	0.26	0.5730	70.1
		24	0.21	0.5110	89.2
		25	0.16	0.4550	111.0
		26	0.13	0.4050	146.0
		27	0.10	0.3610	176.0
		28	0.08	0.3210	232.0
		29	0.65	0.2860	282.0
		30	0.05	0.2550	350.0
		31	0.04	0.2270	446.0
		32	0.03	0.2020	578.0
		33	0.03	0.1800	710.0
		34	0.02	0.1600	899.0
		35	0.02	0.1430	1125.0
		36	0.01	0.1270	1426.0



[www.bcd-cables.com](http://www.bcd-cables.com)

T: +44 1493 604604 F: +44 1493 60466 E: [sales.bcd@etechcentre.com](mailto:sales.bcd@etechcentre.com)