

Cable Selection Chart - Metric, British, US Conductor Conversion Chart

For thirty years Cable Services has been involved in the stocking, distribution and supply of all types of industrial cable. Many specifications of power, multicore and high performance cable are available from Cable Services with most of the common industrial cables available ex-stock.

British Standard

C.S.A. of Conductor (Sq. Inch)	Number and Diameter of Strands (Inch)	Equivalent Metric C.S.A. (mm ²)
.001	1 / .036	0.65
.0015	1 / .044	0.97
.0020	3 / .029	1.29
.003	3 / .036	1.94
.0045	7 / .029	2.90
.0050	1 / .083	3.23
.007	7 / .036	4.52
.008	1 / .103	5.16
.01	7 / .044	6.45
.013	1 / .128	8.39
.0145	7 / .052	9.35
.02	1 / .160	12.90
.0225	7 / .064	14.52
.03	19 / .044	19.35
.04	19 / .052	25.81
.06	19 / .064	38.71
.10	19 / .083	64.52
.15	37 / 0.72	96.77
.2	37 / 0.83	129.03
.25	37 / .093	161.25
.3	37 / .103	193.55
.4	61 / 0.93	258.06
.5	61 / .103	322.58
.6	91 / .093	387.00
.75	91 / .103	483.87
1.0	127 / .103	645.00

Metric

CSA (mm ²)
0.75
1.0
1.5
2.5
4.0
6.0
10.0
16.0
25.0
35.0
50.0
70.0
95.0
120.0
150.0
185.0
240.0
300.0
400.0
500.0
630.0

American Wire Gauge

Equivalent Metric C.S.A. (mm ²)	AWG or MCM
0.653	19AWG
0.823	18
1.04	17
1.31	16
1.65	15
2.08	14
2.62	13
3.31	12
4.17	11
5.26	10
6.63	9
8.37	8
10.55	7
13.30	6
16.77	5
21.15	4
26.67	3
33.63	2
42.41	1
53.48	1 / 0
67.43	2 / 0
85.03	3 / 0
107.20	4 / 0
126.64	250MCM
152.00	300
202.71	400
253.35	500
304.00	600
354.71	700
405.35	800
506.71	1000



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