

# DATA, AUDIO & INSTRUMENTATION CABLE SOLID CONDUCTOR INFORMATION

AWG SIZE	DIAMETER mm	CROSS SECTIONAL AREA mm <sup>2</sup>	RESISTANCE OHMS / KM AT 20°C
40	0.079	0.0049	3540
39	0.089	0.0062	2780
38	0.102	0.0081	2130
37	0.114	0.0103	1680
36	0.270	0.0127	1360
35	0.142	0.0159	1080
34	0.160	0.0201	857
33	0.180	0.0255	675
32	0.203	0.0324	532
31	0.226	0.0401	430
30	0.254	0.0507	340
29	0.287	0.0649	260
28	0.320	0.0806	214
27	0.361	0.102	169
26	0.404	0.128	135
25	0.455	0.162	106
24	0.511	0.205	84.2
23	0.574	0.259	66.6
22	0.643	0.324	53.2
21	0.724	0.411	41.9
20	0.813	0.519	33.2
19	0.912	0.324	26.4
18	1.020	0.523	21.0
17	1.150	1.04	16.6
16	1.290	1.31	13.2
15	1.450	1.65	10.4
14	1.630	2.08	8.28
13	1.830	2.63	6.56
12	2.050	3.31	5.21
11	2.300	4.17	4.14
10	2.588	5.26	3.28
9	2.906	6.63	2.60
8	3.264	8.37	2.06
7	3.655	10.55	1.63



**P** (09) 264 1000 **F** (09) 264 1001  
**E** sales@firstflex.co.nz  
**W** www.firstflex.co.nz