

Single Core Cable AWG Size

(* reference value)

AWG#	cross section conductor mm ²	outer diameter conductor mm	finished conductor mm	acceptable current A	Remarks
40	0.005	0.08	0.25	0.30	coaxial
38	0.008	0.101	0.34	0.40	
36	0.013	0.127	0.42	0.50	
34	0.02	0.16	0.60	0.65	
32	0.035	0.24	0.68	2.1	
30	0.055	0.30	0.60	2.5	
28	0.08	0.38	1.2	2.4	
26	0.12	0.5	1.3	3.2	
24	0.2	0.6	2.3	5.0	
22	0.3	0.8	2.5	7.0	
20	0.5	1.0	2.7	9.0	
18	0.75	1.2	3.0	13	
16	1.25	1.5	3.4	18	
14	2.0	1.9	3.8	23	
12	3.0	2.4	4.4	32	
10	5.5	3.0	5.2	43	
8	8.0	4.4	7.7	66	
6	14	5.6	8.9	87	
4	22	7.0	10.3	117	
2	35	8.9	12.2	158	
1	44	10.0	14.4	185	
1-0	53	11.1	15.5	214	
2-0	67	12.6	17.0	251	
3-0	85	14.1	18.5	291	
4-0	107	15.9	20.3	340	