

Cable Length Sizing Guide

Cable Length in Meters	Circuit Type		DC Amps															
	10% Voltage Drop (Non-Critical)	3% Voltage Drop (Critical)	5A	10A	15A	20A	25A	30A	40A	50A	60A	70A	80A	90A	100A	120A	150A	200A
0-6 m	0-2 m																	
6-9 m	2-3 m																	
9-15 m	3-4.5 m																	
15-19 m	4.5-6 m																	
19-24 m	6-7.5 m																	
24-30 m	7.5-9 m																	
30-40 m	9-12 m																	
40-51 m	12-15 m																	
51-61 m	15-18 m																	
	18-21 m																	
	21-24 m																	
	24-27 m																	
	27-30 m																	
	30-33 m																	
	33-37 m																	
	37-40 m																	

Gauge Size

Standard	Unit												
AWG	0000	000	00	0	1	2	4	6	8	10	12	14	16
Diameter (mm)	11.68	10.40	9.27	8.25	7.35	6.54	5.19	4.11	3.26	2.59	2.05	1.63	1.29
Cross Section (mm ²)	107.1	84.9	67.5	53.5	42.4	33.6	21.2	13.3	8.4	5.3	3.3	2.1	1.3
Colour Code													