

Max Distance from Power Supply to Motor

Wire Size	Motors	Max Distance from Power Supply to Motor								
		1	2	3	4	5	6	8	10	12
0.5mm ²	20AWG	60m	30m	20m	15m	12m	10m	-	-	-
0.8mm ²	18AWG	90m	45m	30m	23m	18m	15m	-	-	-
1.3mm ²	16AWG	150m	75m	50m	38m	30m	25m	20m	15m	12m
2mm ²	14AWG	230m	120m	80m	60m	50m	40m	30m	24m	20m
3.5mm ²	12AWG	370m	185m	125m	90m	75m	60m	45m	35m	30m
4mm ²	10AWG	550m	294m	200m	150m	120m	100m	75m	55m	45m
10mm ²	8AWG	1000m	500m	330m	250m	200m	150m	120m	100m	80m
17mm ²	6AWG	1500m	750m	500m	375m	300m	250m	175m	150m	125m
26mm ²	4AWG	8000m	4000m	2500m	2000m	1500m	1250m	1000m	800m	650m