

WIRE GAUGE CHART

FOR DETERMINING MINIMUM WIRE GAUGE REQUIREMENTS BASED ON WIRE LENGTHS

24V POWER APPLICATIONS

WATTAGE	10AWG	12AWG	14AWG	16AWG	18AWG	20AWG	22AWG
20W	1449ft	912ft	573ft	360ft	227ft	142ft	89ft
40W	720ft	453ft	285ft	179ft	113ft	70ft	44ft
60W	481ft	303ft	190ft	120ft	75ft	47ft	29ft
80W	361ft	227ft	143ft	90ft	57ft	35ft	22ft
100W	288ft	182ft	114ft	72ft	45ft	28ft	18ft

Maximum cable length per wattage & wire gauge