

MAXIMUM CABLE LENGTH FOR SINGLE RUNS

LOAD AT 24VDC		MAXIMUM CABLE LENGTH TO THE LAST MODULE IN A CABLE RUN BY WIRE SIZE						
WATTS	AMPS	#18	#16	#14	#12	#10	#8	#6
0-12	0.0-0.5	150 ft	240 ft	300 ft	300 ft	300 ft	300 ft	300 ft
12-24	0.5-1.0	75 ft	120 ft	190 ft	300 ft	300 ft	300 ft	300 ft
24-36	1.0-1.5	50 ft	80 ft	120 ft	200 ft	300 ft	300 ft	300 ft
36-48	1.5-2.0	35 ft	60 ft	95 ft	150 ft	240 ft	300 ft	300 ft
48-60	2.0-2.5	n/a	45 ft	75 ft	120 ft	190 ft	300 ft	300 ft
60-72	2.5-3.0	n/a	40 ft	60 ft	100 ft	160 ft	250 ft	300 ft
72-84	3.0-3.5	n/a	30 ft	55 ft	85 ft	130 ft	220 ft	300 ft
84-96*	3.5-4.0	n/a	n/a	45 ft	75 ft	120 ft	190 ft	300 ft

*96 watts is the max wattage per run for Class 2 installation

