

Wire Gauge Distance Chart

for Power Limited Tray Cable (PLTC)

When the distance between the secondary side of the power supply and the first LED in a letter or the beginning of a tubing run increases the gauge of wire needed will change as follows:

Distance in Feet (Meters) From Power Supply	Gauge Wire
0' to 15' (.0 to 4.5) 18 AWG + 5' of 18 AWG	18
15' to 50' (4.5 to 15.2) 14 AWG + 5' of 18 AWG	14
50' to 125' (15.2 to 38.1) 12 AWG + 5' of 18 AWG	12
125' to 200' (38.1 to 61) 10 AWG + 5' of 18 AWG	10

NOTE: The Modular 60 and the Modular 60-277 power supplies come with 5' of 18 AWG wire in place from the factory on the secondary side.

Available 12 VDC Power Supplies

For use with ChanneLED 4, V Series, ChanneLED 5, Great White 2, ThinLED, ColorLINE and FlexiBRITE

Item Description	Part #	Normal Input Voltage	Output Voltage
Self Contained 20	701680	120/240 Volts	12 VDC
Modular 60	701507-MOD	120/240 Volts	12 VDC
Modular 60-277	701507-MOD277	277/347 Volts	12 VDC
Quad 240	701494	120 Volts	12 VDC

Available 24 VAC Power Supplies

For use with LEDStripe

Item Description	Part #	Normal Input Voltage	Output Voltage
LEDStripe 120V	700940	120 V/60 Hz	24 VAC
LEDStripe 240V	700940-240	240 V/50 Hz	24 VAC
LEDStripe240V-CE	701847	240 V/50 Hz	24 VAC
LEDStripe 277V	700964	277 V/60Hz	24 VAC

