

◆ Daisy Chain Power Cord System

Daisy Chain Power Cord (480V)

ThinkGrow Daisy Chain Power Cord System is designed to interconnect between the LED drivers, the system can eliminate a massive amount of power outlets, and reduce the number of power cables required. Depending on the power source of your facility, using the daisy chain power cord can provide power to up to 18 lighting fixtures... all connected into a single 30-amp power cable.

The ThinkGrow Daisy Chain Power Cord / Extension Power Cord provides 3 different gauges of cable, AWG #10/12/14. The user can use any or all of the cable sizes within their installation.



DCB-10
AWG #10

DCB-12
AWG #12

DCB-14
AWG #14

◆ Specifications



DCB-10
AWG #10
Daisy Chain Power Cord

Input Voltage:	347-480 V
Gauge:	10
Copper Area:	5.26 mm ²
Resistivity:	< 12 mΩ
Length:	5 ft (1.5 m)
Weight:	1.91 lbs (868 g)

#10 AWG Maximum number of LEDs that can be connected		
LED Model	Input Power	Input Voltage(480 volts)
Model-I Plus	720 Watt	16
Model-I	720 Watt	16
Model-H Plus	720 Watt	16
Model-H	630 Watt	18
Model-W	630 Watt	18
Model-V	350 Watt	36

ThinkGrow #10 AWG cables are rated up to 30-amps.



DCB-12
AWG #12
Daisy Chain Power Cord

Input Voltage:	347-480 V
Gauge:	12
Copper Area:	3.31 mm ²
Resistivity:	< 16 mΩ
Length:	5 ft (1.5 m)
Weight:	1.61 lbs (730 g)

#12 AWG Maximum number of LEDs that can be connected		
LED Model	Input Power	Input Voltage(480 volts)
Model-I Plus	720 Watt	10
Model-I	720 Watt	10
Model-H Plus	720 Watt	10
Model-H	630 Watt	12
Model-W	630 Watt	12
Model-V	350 Watt	24

ThinkGrow #12 AWG cables are rated up to 20-amps.



DCB-14
AWG #14
Daisy Chain Power Cord

Input Voltage:	347-480 V
Gauge:	14
Copper Area:	2.08 mm ²
Resistivity:	< 21 mΩ
Length:	5 ft (1.5 m)
Weight:	1.36 lbs (616 g)

#14 AWG Maximum number of LEDs that can be connected		
LED Model	Input Power	Input Voltage(480 volts)
Model-I Plus	720 Watt	8
Model-I	720 Watt	8
Model-H Plus	720 Watt	8
Model-H	630 Watt	9
Model-W	630 Watt	9
Model-V	350 Watt	18

ThinkGrow #14 AWG cables are rated up to 15-amps.

CAUTION: Incorrect application may lead to equipment damage. The user is responsible for correct and safe installation and usage. Ensure the existing electrical system can support the voltage and current requirements.