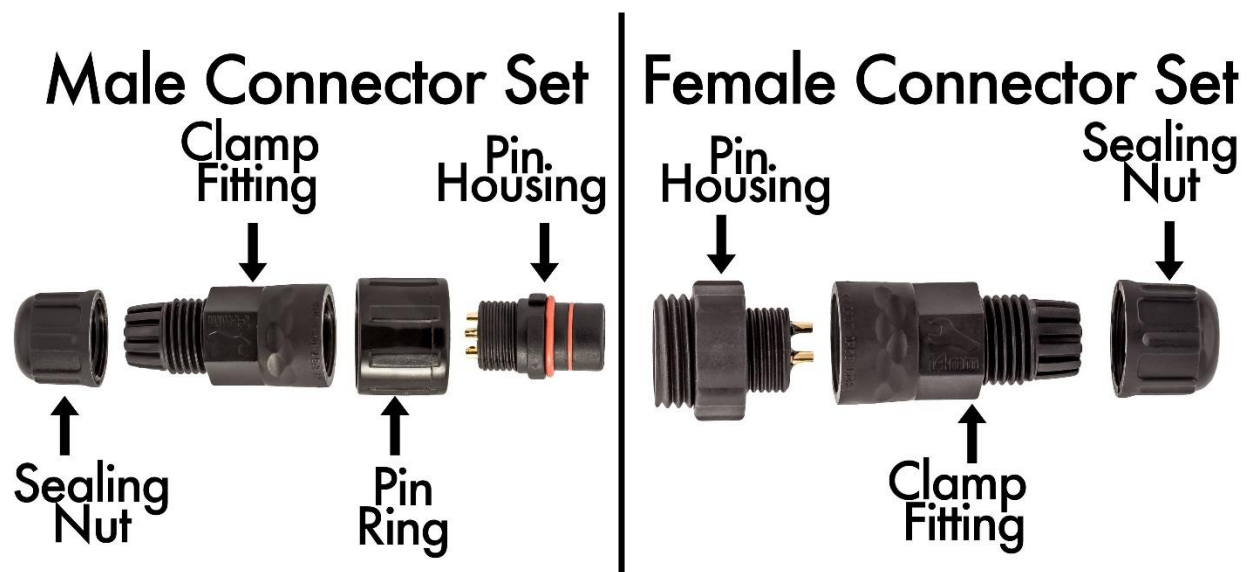


LED Neon and Super Flat Rope Cable Accessories Instruction Guide

Part Numbers: WP-CBL-CONN-XXXXXX-XXXX

The new LED Neon and Super Flat Rope cable accessories from Environmental Lights are durable, easy-to-install, and even waterproof. Follow these instructions when installing Waterproof Cable Connectors with any other round cable. The cable must be round, 4-7mm in diameter and the wire must be 18AWG-12AWG.

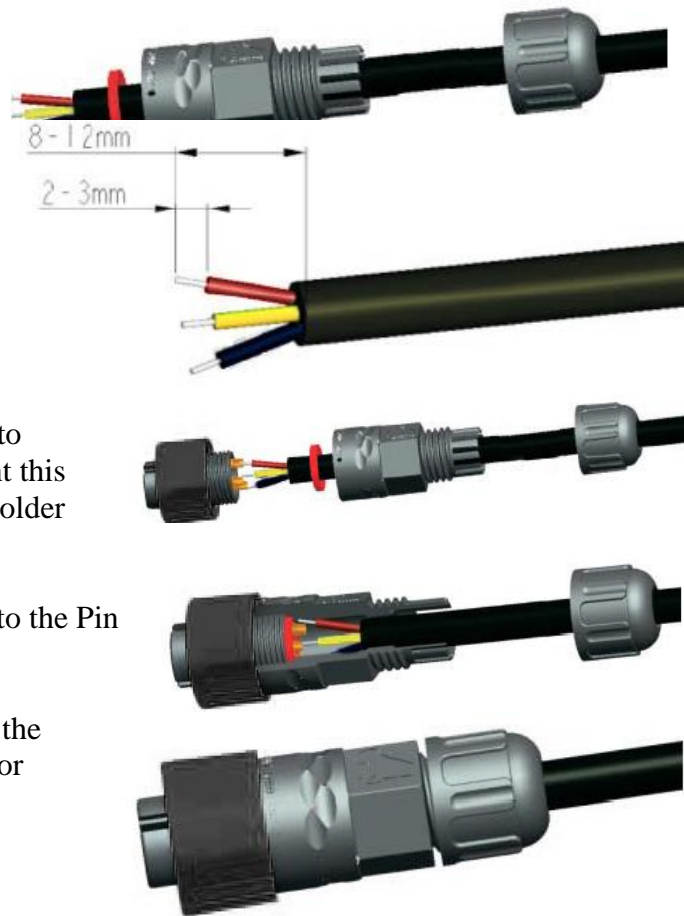


When using the T-connector, Extension Cable, or if your LEDs already have a female Cable Connector on it, then skip to Step 9. When installing both the male and female connectors onto cable, follow the instructions from Step 1.

Female Connector Set

1. Unscrew the Sealing Nut on the female connector set.
2. Put the LED Neon/SFR cable through the Sealing Nut, making sure the small opening goes in first.
3. Unscrew the Clamp Fitting from the Pin Housing.

4. Put the cable through the Clamp Fitting, making sure the small opening goes in first.
5. Push back both the Sealing Nut and Clamp Fitting from the end of the cable so they are away from the heat during the soldering process.
6. Desheath the cable and wires at the dimensions in the drawing and tin the wires.
7. Solder the wires onto the gold solder joints on the Pin Housing, keeping in mind which pin corresponds to which wire.
*Choose which pin will correspond to which wire so that you can document this and remember which pin you must solder the wires to on the male side.
8. Screw on the Clamp Fitting back onto the Pin Housing. Make sure this is tight.
9. Screw on the Sealing Nut back onto the Clamp Fitting to tighten the connector onto the cable diameter.



Male Connector Set

10. Connect the male connector set to the female connector set.
11. Screw the Pin Ring onto the female connector set.
12. Unscrew the Sealing Nut on the male connector set and put the cable for the male connector through the Sealing Nut, making sure the small opening goes in first.
13. Unscrew the Clamp Fitting from the Pin Ring.
14. Put the cable through the Clamp Fitting, making sure the small opening goes in first. Push back both the Sealing Nut and Clamp ring so they are far away from the heat during the soldering process.
15. Desheath the cable and wires at the dimensions in the drawing (at step 6) and tin the wires.
16. Plan which wires will be connected to each pin:

Check soldered wires to pins

17. Make sure that each wire that will be soldered to these pins will match up and connect to the correct wire that was soldered on the female connector set:
 - a. Unscrew the Sealing Nut on the female connector set.
 - b. Unscrew the Clamp Fitting from the Pin Housing.
 - c. Unscrew the Pin Ring, then pull the pin housings apart at the red gasket.

- d. Check which wire corresponds to which pin on the female side and which pin corresponds to the wires on the male side. Make sure the male and female sides match pins.
 - e. After confirming the correct connections, solder the wires onto the gold solder joints on the Pin Housing (male connector set).
Put the assembly back together:
 - f. Connect the male Pin Housing with the female Pin Housing.
 - g. Screw the Pin Ring onto the female Pin Housing.
 - h. Repeat Steps 8 and 9.
18. Screw on the Clamp Fitting from the male connector side back onto the Pin Housing. Make sure this is tight.
19. Screw on the Sealing Nut from the male connector side back onto the Clamp Ring to tighten the connector onto the cable.
20. To disconnect the 2 cables, unscrew the Pin Nut from the female connector set and pull the female and male connector sets apart. Make sure to screw the Pin Ring back onto the female connector set to keep it waterproof.