

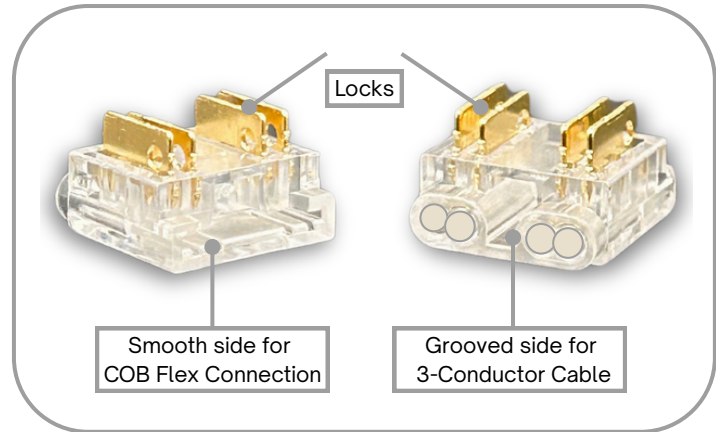
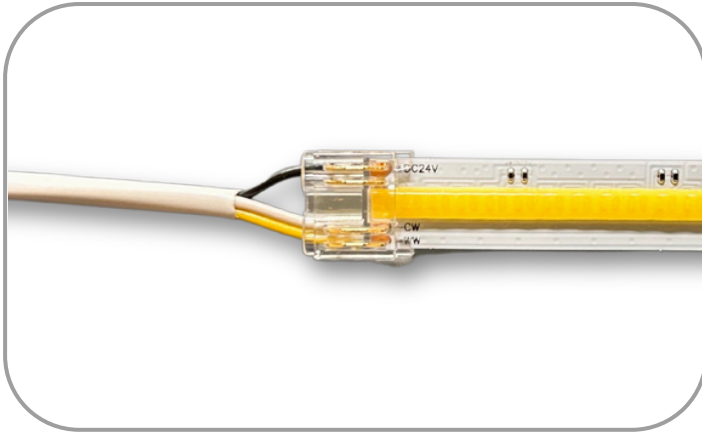
3-Pin COB Flex-to-Wire Connector

for Tunable White (Color-Shifting) LEDs

Inspired LED

SKU: 8612-COB-TW-END

The **COB 3-Pin Flex to Wire Connector** is ideal for designing and customizing LED systems. Combine them with 10mm 3-pin color-shifting flex strips for straightforward installation on-site. Effortlessly connect your LED strips to 3-conductor wire without the hassle of stripping or soldering!



Product Specifications:

- Solderless termination for 10mm COB tunable white (color-shifting) flexible LED strips
- Flex to wire termination
- Accepts 20-22 AWG 3-conductor wire
- Max Load: 5 AMPS
- Operating Temperature: -12°F to 140°F
- Dimensions: 0.53" x 0.45" x 0.14"

Instructions:

1 Prepare materials. For LEDs, cut along copper pads **ONLY**. For cable, strip a 1-inch section of the white outer jacket. Ensure internal cables remain in their color-coded shielding to avoid exposing any internal copper.



2 Line up LED strip, connector, and 3-conductor wire. Making note of all polarity markings.

For Inspired LED products:
Black (+), White (CW), & Yellow (WW)

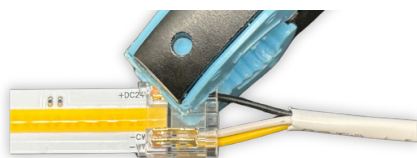


3 Peel back adhesive and insert strip into smooth side of connector. Without stripping the color-coded wires, insert cables into the opposite end.

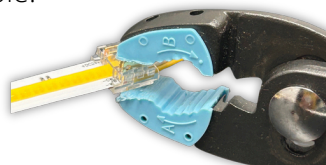
Note: black (+) wire inserts into outer groove.



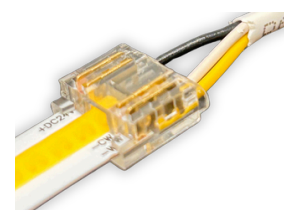
4 Both LEDs and cable must be terminated. Using adjustable soft jaw wrench pliers, clamp down evenly on locks on one side of connector.



5 Move wrench pliers to other locks still in upright position. Clamp down evenly on locks so that they pierce the LEDs and cable.



6 Using a 24V DC power source, supply power and test the LED strip connection to confirm functionality.



Troubleshooting: If LEDs are flickering, double check connection to be sure flex is fully inserted and secured, if no lights turn on check to be sure polarities are properly matched. Connector must maintain secure contact to avoid overheating.