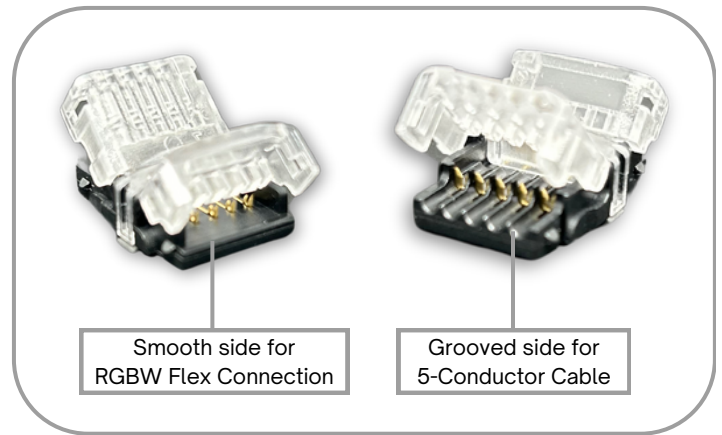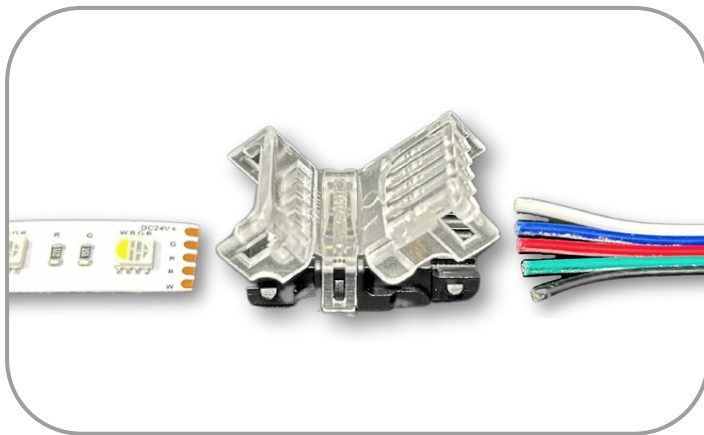# inspired LED — RGBW 5-Pin Clamp Connector

Flex to Wire

Introducing Inspired LED's **RGBW 5-Pin Clamp Connector**! The perfect solution for your LED system design and customization needs. Pair them with 12mm 5-pin color-changing flex strips for easy installation in the field. Connect your LED strips to 5-conductor wire with ease - no need to strip your wire or solder your connections!
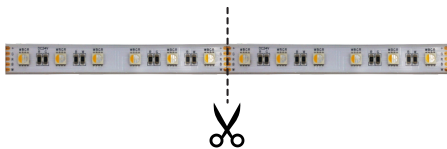

| Smooth side for RGBW Flex Connection | Grooved side for 5-Conductor Cable |

Product Specifications: (SKU# 8580-RGBW-END)

- Solderless termination for 12mm RGBW color-changing flexible LED strips
- Flex to wire termination
- Accepts 20-22 AWG 5-conductor wire
- Max Load - 5 AMPs
- Net Weight - 2.5g

Instructions:

1 Use scissors to cut LED strip to length along the copper solder pads ONLY *(located every 6 LEDs)*.
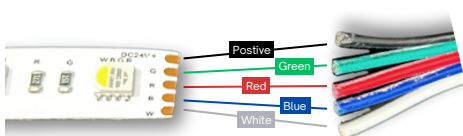
2 Open cover on smooth side of connector up to 90 degrees. Peel off adhesive backing and insert strip into connector.
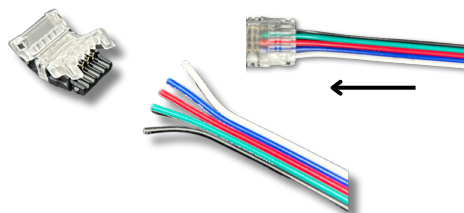
3 Ensure copper pads on LED strip are sitting on top of the 5 pins of the connector. Close cover tightly with pliers so that pins pierce the flex.
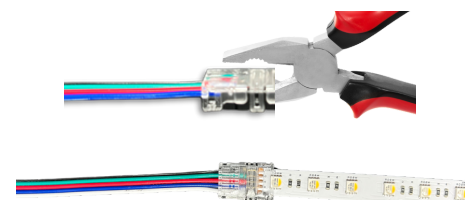
4 Cut wire to desired length and separate 5 wires about 1" (do not strip wire). Identify polarity on cable and flex.

5 Open cover on grooved side of connector up to 90 degrees. Insert wire to individual slots while matching polarity.

6 Close cover tightly with pliers until cover clips to bottom base. Ensure connector fully pierced wire insulation.

Postive
Green
Red
Blue
White

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.*