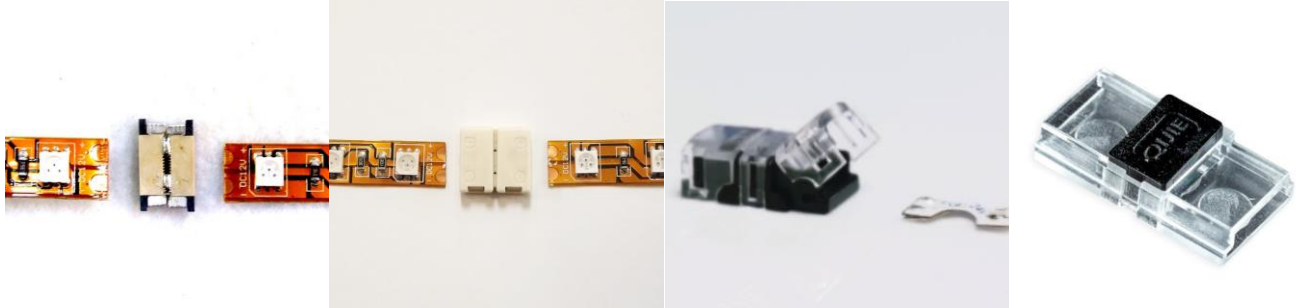


# Instructions for Strip Connectors



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## Overview

Our LED Strip is an extremely versatile, energy-efficient light source that's wonderful for a wide variety of uses. Our convenient connectors eliminate the need to solder.

Each of our connectors has their unique advantages/disadvantages. We highly recommended using the newest connector compatible with your strip light. To determine compatibility, simply navigate to your product on the website, click on the accessories tab, and browse through the compatible connectors.

RF connectors are our oldest connectors and provide a very small profile.

Fold-Over connectors are intuitive and provide a solid connection without using pliers.

High Integrity Piercing (HIP) connectors form very solid connections by piercing the solder pads on the strip.

Low Profile Locking (LPL) connectors are our most advanced connectors. They form a very solid connection while maintaining a small profile

Please read the full instructions for your connector before use. These connectors become less reliable with repeated use. HIP & LPL connectors are permanent and must be used only once.

## Instructions

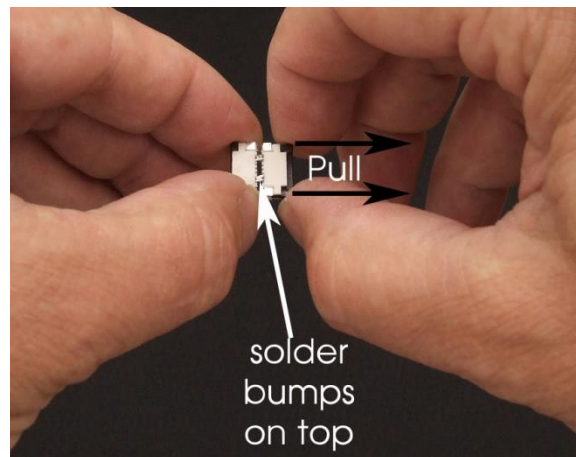
1. We recommend testing your LED strip before installing it. That way you can be sure your power supply and strip work together.
2. You may cut the strip ONLY on the cut marks. Use a sharp wire cutter or blade to cut the ribbon cleanly without stretching or bending it.
3. Our strip products range from 2-6 conductors and vary in width.

When selecting your connector, please choose connectors that are compatible with your strip. If you are unsure, please navigate to the product's webpage to find the *Accessories* tab. You will find all compatible connectors for your LED strip.

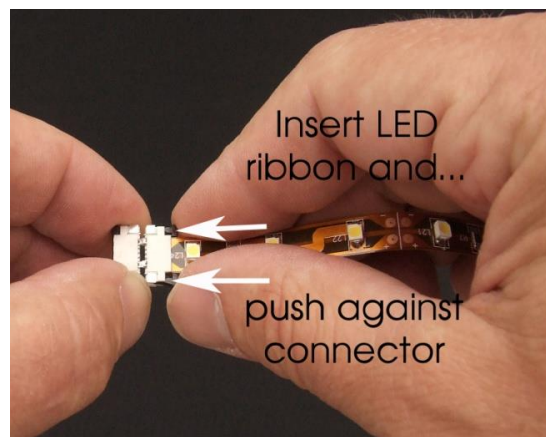
4. Strip connectors can be strip-to-strip for splicing, or they can be strip-to-cable for connecting strip to your power supply or controller. Use the splice connector if you make a cutting mistake or want to join two reels.  
Remove the adhesive tape from the back of your LED strip. This will make the LED strip thinner so that it will more easily fit into the groove of each connector.

## RF Connectors

1. For the connectors to work, the solder bumps must be face up. The connector has conductive material on the top side face. Therefore the strip solder pads must line up with the connector points.
2. Gently pull the black slider unit away from the white. It will slide out only about a millimeter.



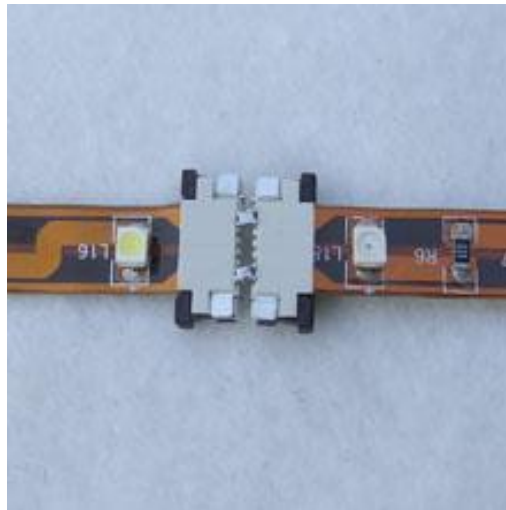
3. Gently slide the LED strip into the connector groove and then slide the black slider into the white connector body and you'll feel the connector grab the LED strip. It won't make an audible click, but it will feel like it clicks into place.



4. This connector will hold the ribbon and make a solid electrical connection as well. Note the position of the black slider, which has been pushed to the left into the white piece.

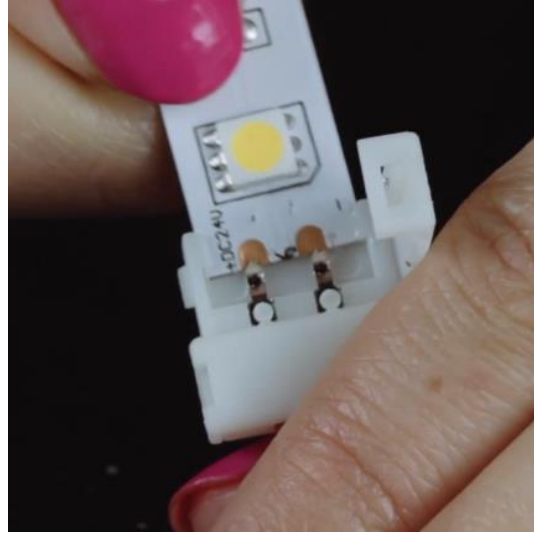


5. If your connector is ribbon to cable, you are done. Otherwise, repeat for the left side, and you have a splice.

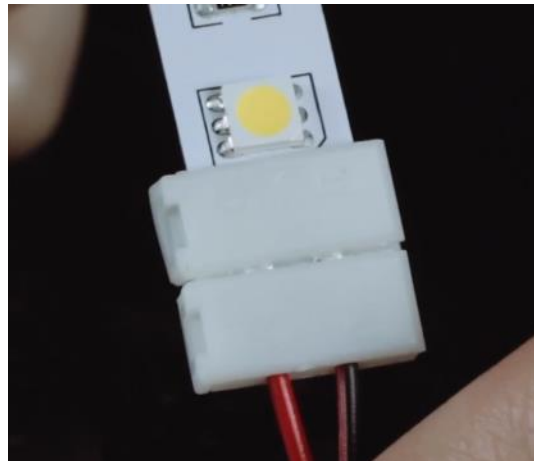


## Fold Over Connectors

1. For the connectors to work, the fold-over gates must be on the LED side of the LED strip. Please see the picture below.
2. Open the gates of the connector. Gently slide the LED strip into the connector groove. Make sure that the strip's solder pads are touching the bottom of the connector tabs.



3. Close the gate. When the gate locks, it should lock with an audible sound.



4. This connector will hold the LED strip and make a solid electrical connection as well.
5. If your connector is ribbon to cable, you are done. Otherwise, repeat for opposite side, and you have a splice.

## HIP Connectors

\*These connectors are not reusable. If a locked connector is unlocked, the connector will be mechanically compromised and will not function as intended.

1. To install the LED side of the strip should be facing the clear gates (the bottom of the strip will be flush with the black part of the connector).
2. Open the gates of the connector and gently slide the LED strip into the connector groove.  
\*The solder pads on the strip should line up with the piercing points of the HIP connector



3. Use pliers to close the gate. The gate should lock and will make an audible sound.



4. This connector will hold the LED strip and make a solid electrical connection as well.
5. Repeat for the left side, and you have a splice.  
\*If using a HIP-X connector (strip to wire), just repeat steps 1-4 using the wires instead of the strip. The pierce points will puncture through the wire jacket. No wire stripping required!



## LPL Connectors

\*These connectors are not reusable. If a locked connector is unlocked, the connector will be mechanically compromised and will not function as intended.

1. For the connectors to work, the wide part of the connector should be flush with the bottom of the LED strip.
2. Open the gates of the connector and gently slide the LED strip into the connector groove.  
\*The solder pads on the strip should line up with the piercing points of the LPL connector.



3. Repeat for the opposite side. If using LPL-X, just slide the wires into the connector, making sure to line up the wire with the piercing points.



4. Use pliers to push the black gate down. This will help ensure the connector punctures into the solder pads.
5. This connector will hold the LED strip and make a solid electrical connection as well.