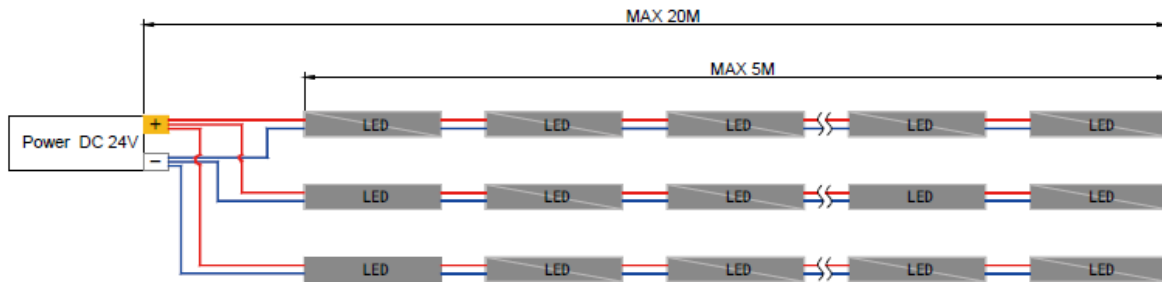


**Installation Precautions:**

1. Please read through the Instructions before installation and all note in Installation.
2. Although this product is a low-voltage product, please do not let children play with it.
3. The use ambient temperature of LED tape is -20 °C -50 °C.
4. Make sure the power supply is cut off before installation and maintenance, to avoid the risk of electric shock.
5. When using a matching DC power supply, it is necessary to confirm the actual power consumption of the light strip, and then choose to use the corresponding power supply driver.
6. During the installation process, please pay attention to the polarity of the wiring and the working voltage requirements of the LED tape.
7. The actual total power of the LED tape cannot exceed 80% of the power of the connected power source.
8. It is recommended that the total length of the series connected light strip should not exceed 70W, otherwise the brightness difference between the head and tail will be significant. If necessary, please install it in parallel.
9. Suggest a minimum wire diameter of 1.0mm for wire cores (to be adjusted according to actual load).
10. The jumper, power supply, and installation accessories of this product need to be purchased separately. The working voltage of the light strip is DC12V or DC24V (depending on the product model)
11. During use, it is necessary to ensure that there is no cover of flammable and explosive materials.

Power	Suggest connecting the maximum length in series ( 24V )
6W/M	11 M
10W/M	7 M
14W/M	5 M



For an example DC24V 14W/M LED tape

**Applicable scope:**

1. IP65 LED tape: Outdoor waterless immersion environment, as the outlet does not have waterproof joints, users need to handle the waterproof work at the joints themselves.
2. IP68 LED tape: Immersed in water for use, with a maximum depth of 1.5 meters underwater for the LED tape.

**Product description:**

1. The IP68 waterproof led tape is equipped with a waterproof lock (as shown in Fig.1 and Fig. 2), which needs to be connected to a jumper. Then, connect the red and white wires of the jumper to the positive pole "+" of the power supply, and connect the yellow and black wires to the negative pole "-" of the power supply (as shown in Fig. 4).
2. The IP65 waterproof led tape comes with red and black wires (as shown in Fig. 3), which can be directly

connected to the positive and negative poles of the power supply (red to positive, black to negative).



Fig.1 (12V IP68)



Fig.2 (24V IP68)



Fig.3 (24V IP65)

Female Terminal

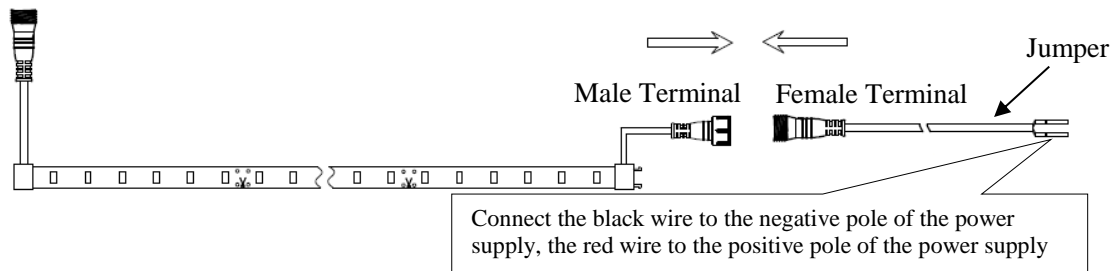
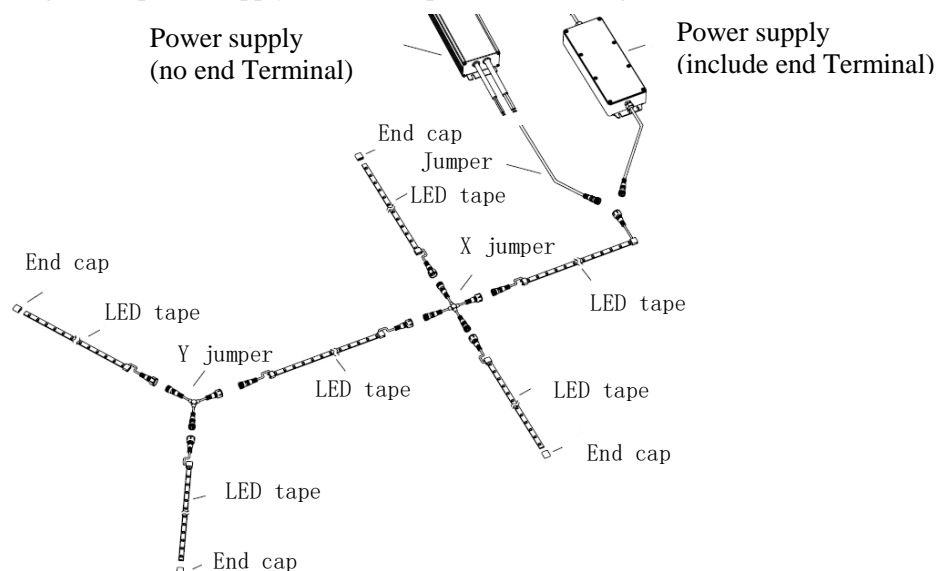


Fig.4

3. The installation diagram of power supply and LED tape is shown in Fig. 5.



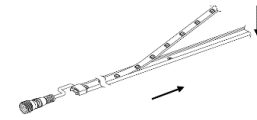
4. Determine the installation area and materials, and different installation accessories will be required based on different installation materials (wood or concrete).

LED tape model	Types
ALED-T01- *	24V IP65 LED tape
AFLSU-*/ALED-T02- *	12V IP68 LED tape
AFLSG-*/ALED-T03- *	24V IP68 LED tape
Accessory model	Types
ALED-T024-IL6-BK	LED tape jumper
ALED-T024-IC6/IC12/IC72/IC120	LED tape jumper
ALED-T024-X/ ALED-T024-Y	X jumper / Y jumper
ALED-T024-EC	End cap
ALED-T024-CH1	0.3m mounting rail
ALED-T024-CH3-C	0.9m mounting rail
ALED-T024-CH5-C	1.5m mounting rail
ALED-T024-C1/ ALED-T024-C2/ ALED-T024-C3	Clip 1/ Clip 2/ Clip 3

**Installation method:**

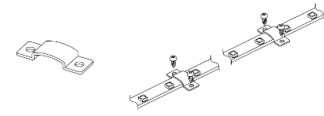
A. Using installation tracks.

- On a flat surface, such as wood.



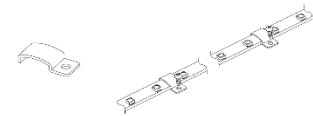
B. Using installation clip 1.

- Suitable for non flat installation surfaces, wood or concrete;
- There is space for two mounting screw holes on the installation surface;
- No edge contact installation requirements.



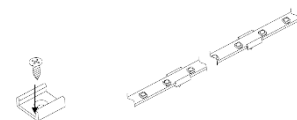
C. Using installation clip 2.

- Suitable for non flat installation surfaces, wood or concrete;
- Suitable for single strip edge contact installation.



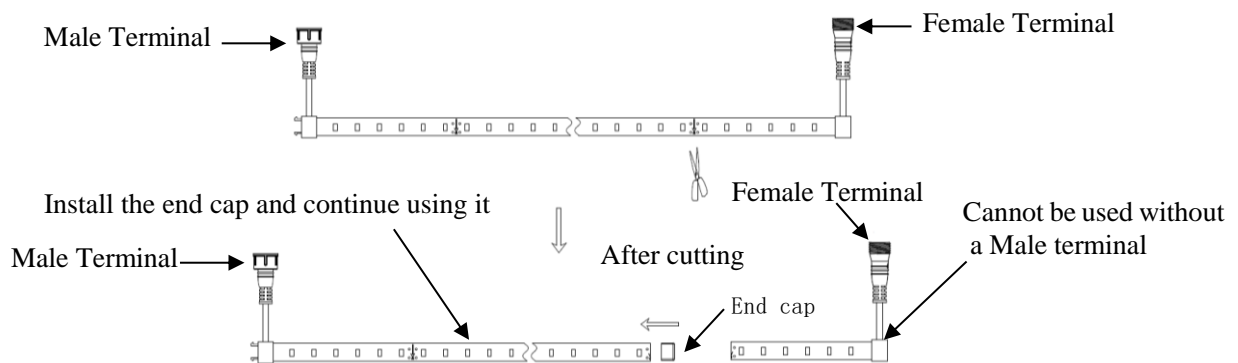
D. Using installation clip 3.

- Suitable for non flat installation surfaces, wood or concrete;
- Suitable for installation with contact on both sides of the light strip.



**Cropping instructions:**

1. When cutting the LED tape please cut it at the "scissor position" on the LED tape, otherwise it will cause the unit to not light up, and the cutting area needs to be covered with a tail plug for waterproof treatment. (As shown in the figure below);
2. After cutting the LED tape, the tail end (with female end) of the cut LED tape cannot be continued due to the lack of male end, and will no longer be used. Please cut carefully;



**Note:**

1. Choose a track with the appropriate size, gently press the blank area between the lamp beads and the LED tape track groove, and prohibit pressing or squeezing the lamp bead area from the front or side;
2. During the installation process, the bending radius of the LED tape is greater than 30mm and cannot be forcefully bent at right angles. When taking the LED tape during the installation process, it is prohibited to fold, twist, or forcefully twist it. If the LED tape is damaged due to human factors or improper rail selection during the installation process, our company will not be responsible;
3. The LED bead BIN area (using A, B, C, D, etc.) is selected for the identification of the LED tape itself. During installation, please pay attention to using the same BIN area identification as much as possible in the same area, so as to maintain the overall uniformity and uniformity of the light color of the LED tape in the same area.