

Duo-Chain

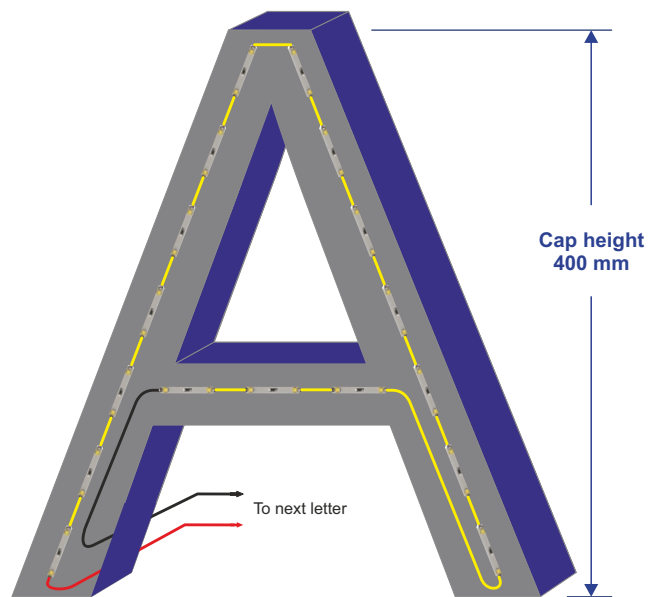
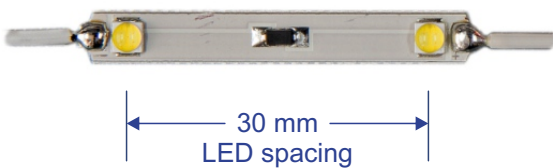
Our **LED Chain** has been successfully used for the illumination of solid acrylic letters for many years.

Now we have expanded our product offering with the **Duo-Chain** meeting the demand of customers who want to be able to connect more LEDs to a single converter to produce larger channel letters, flat boxes or illuminated lines made of solid acrylic.

The new **Duo-Chain** has two LEDs „on board“, doubling the number of LEDs which can be operated with a single converter.

Practical example:

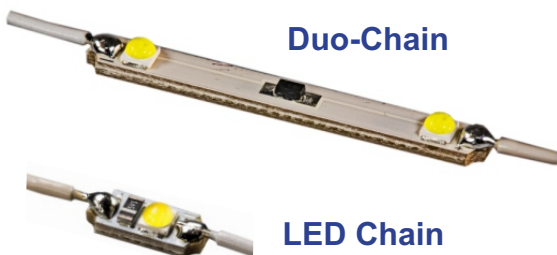
- Cap height of the font: 400 mm
- 17 letters
- Single-chain installation
- 600 LEDs give 18 m Duo-Chain



The **LED circuit boards** used for the **Duo-Chain** are 40 mm long and 5.2 mm wide, which makes them particularly suitable for larger letters. The main advantages are faster processing and a doubling of the number of LEDs which can be connected to the converter.

For smaller and more intricate fonts our LED Chain with single-LED boards remains the best choice.

Both – LED Chain and Duo-Chain – are dimmable.



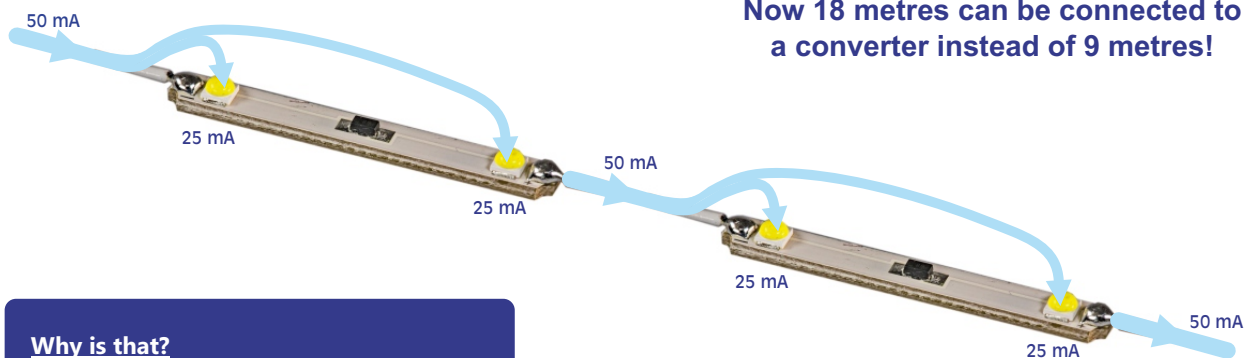
Description

Duo-Chain

In addition to our existing LED Chain product, we now offer a "Duo" version.

With the **Duo-Chain** the number of LEDs which can be connected to a single converter can be doubled simplifying the installation process.

Now 18 metres can be connected to a converter instead of 9 metres!



Why is that?

A maximum of 300 LEDs can be operated with the output voltage of 990 V. This is the technical limit. By connecting two LEDs on a module in parallel, the current of 50 mA is split between them. Each LED is supplied with the rated current of 25 mA. Thus the number of LEDs supplied by the C50/990 can be doubled to 600.

Example:

LED converter C50/990 for up to 300 modules (= 600 individual LEDs)

New!

Additional solder pads on the rear side



The solder connection can now be made from either side, front or rear.

Connection scheme of the series connection

