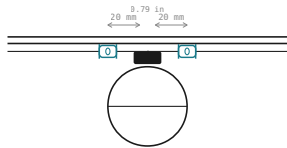


MAXIGLOBE FESTOON • INSTALLATION

Installing the MaxiGLOBE festoon

MaxiGLOBE festoon strands hang from a taut catenary support cable. Rubber grommets and UV zip ties fix each globe in position on the strand so it cannot slide or swing — the same method is used for straight runs and for the decorative hoop effect. A qualified electrician must carry out the electrical connection.

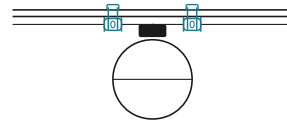
CATENARY FIXING • STEP BY STEP



01

Place rubber grommets

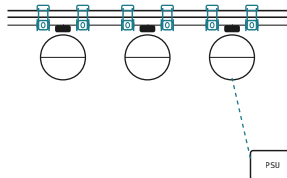
With the catenary cable taut and secure above the MaxiLED strand cable, place a rubber grommet **20 mm (0.79 in) either side of the globe housing**. The two grommets act as stops that **hold the globe in position** so it cannot slide along the cable.



02

Secure with a UV zip tie

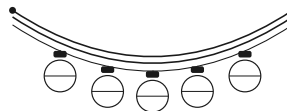
Using a UV-resistant zip tie (4.8 mm width), clamp each grommet up against the catenary cable and trim the excess. This **locks the globe in place so it cannot move**; the grommet stays placed over the MaxiLED cable.



03

Repeat & connect

Repeat Steps 1–2 to fix every globe along the strand until the installation is complete, then connect the strand to the **correct transformer**.



04

Alternative • hoop effect

For a deeper, more arched catenary, **do not fix the grommets to the support cable** — the strand is left free to drape into a decorative **hoop** between the two anchor points. Keep voltage drop below 5% across the strand.

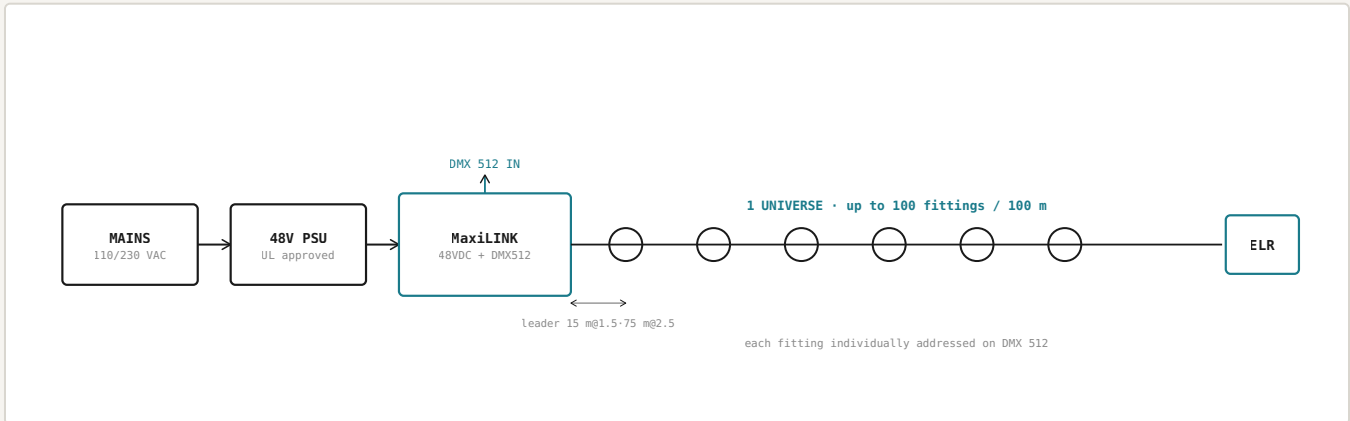
Note. These step diagrams are simplified installation guidance based on the MaxiLED globe installation manual. Confirm grommet spacing, cable ratings and connector detail against site conditions and local codes; a qualified electrician must carry out the electrical connection.

— WIRING • DATA OVER POWER • DMX UNIVERSSES

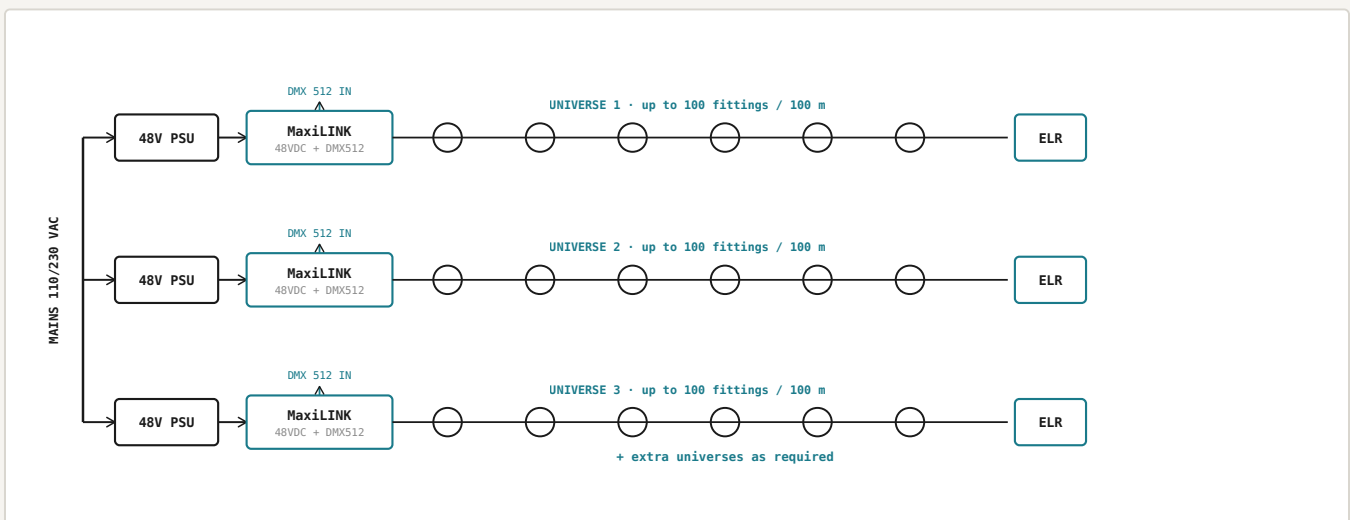
Wiring — single & multiple universe

DMX globes (MaxiRGBW and DMX white) run on the MaxiLINK Data-over-Power system: 48 VDC power and DMX 512 data on the same 2-core cable. Static / random 24 V globes connect instead to the correct transformer.

SINGLE DMX UNIVERSE • MAXILINK 48 VDC + DMX 512 • NTS



MULTIPLE DMX UNIVERSSES • ONE MAXILINK + PSU PER UNIVERSE • NTS



MaxiLINK carries **48 VDC + DMX 512 (Data over Power)** on the same 2-core cable. **Leader:** max 15 m on 1.5 mm² • 75 m on 2.5 mm² from the MaxiLINK source to the first globe. **Strand:** up to **100 globes** per PSU across a 100 m run first-to-last on 1.5 mm² cable. **Junction boxes** between Controller, PSU 48 V UL Approved and MaxiLINK are **required for USA / UL installations** only — ROW installs may connect direct. The **ELR (End-of-Line Resistor)** is mandatory on the last globe of every strand and needs balancing / tuning on commissioning. Each fitting is individually addressed on the DMX 512 line — for layouts beyond one universe add **one MaxiLINK + 48 V PSU per additional universe**, all fed from a common mains supply.