



EC20001
50M Catenary Wire Kit



User Manual

**Please Retain for
Future Use**

Eagle Catenary Wire Kit – 50m

Breaking Strain: 480 lbs (approx. 217 kg)

Material: Stainless Steel

Intended Use: Garden Plant Training, Lighting String Suspension (Domestic Use Only)

Kit Contents

- 50m Stainless Steel Catenary Wire (1x)
- Turnbuckles (5x)
- M5 Large Screw Eye Hooks (10x)
- Plastic Wall Anchor (10x)
- Wire Thimbles (10x)
- Aluminium Crimping Loops (30x)
- Wire Rope Clamp (10x)
- Carabiner Hook (4x)



Safety & Usage Guidelines

- For domestic use only.
- Not for load-bearing use — do not hang heavy objects or use for lifting.
- Must be installed by a competent person.
- Perform a site survey before installation to ensure suitability.
- Use appropriate fixings depending on the mounting surface (e.g., wood, masonry).
- Do not install where people may trip over or walk into the wire.
- Ensure the product cannot become a strangulation hazard (especially for children or pets).
- Additional accessories and tools (e.g., drill, tape measure, pliers or crimping tool) may be required.

Installation Overview

1. Site Preparation

- Measure the span and identify secure fixing points (e.g., walls, posts).
- Ensure fixing points are structurally sound and can handle wire tension.
- Avoid walkways or areas where the wire may cause obstruction.

2. Fixing Anchors

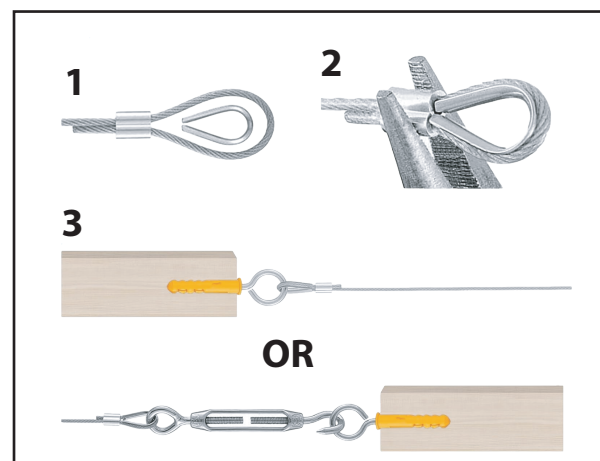
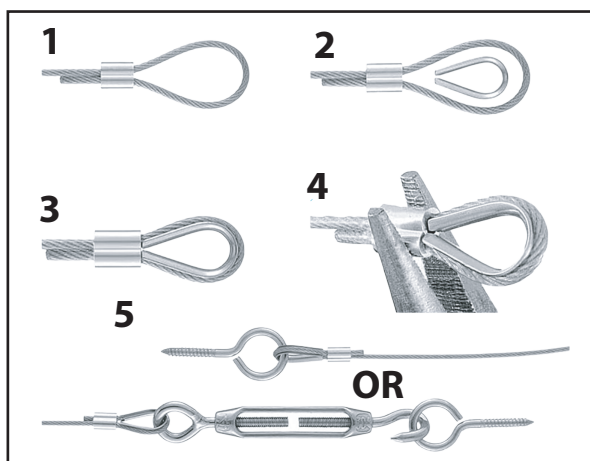
- Drill suitable holes for the Plastic Expansion Plugs (if mounting into masonry or brick).
- Insert plugs and attach your chosen fixing (e.g., eye bolts, hooks — not included).

3. Fitting the Wire

- Cut wire to the required length (leave a little extra for connections and tensioning).
- Loop the wire around a Wire Thimble to prevent sharp bends and wear.
- Secure the loop using an Aluminium Crimping Loop.
- Thread wire through one end of the crimp, around the thimble, and back through the crimp.
- Use pliers or a crimping tool to compress the crimp securely.

4. Tensioning with Turnbuckles

- Install Turnbuckles at key locations (typically at both ends or midway for long spans).
- Attach wire loops to each end of the turnbuckle using thimbles and crimps as described.
- Once in place, rotate the turnbuckle to tighten and tension the wire.



Common Applications

Garden plant training (vines, espalier, etc.)

Suspension of festoon or string lighting

Guiding wires for climbing plants or decorative use

Additional Tools Required

- Pliers or a crimping tool
- Wire cutters
- Drill and fixings appropriate to surface

Product Details

Brand: Eagle

Supplied by:

Electrovision Ltd

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Maintenance Tips

- Inspect periodically for signs of wear, corrosion, or loosened fittings.
- Do not overload — the maximum breaking strain is 480 lbs (217 kg).
- Retention if sagging occurs over time.

www.Electrovision.co.uk

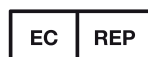


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